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# **An Experimental Investigation of the Subcritical and Supercritical Flow About a Swept Semispan Wing**

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William K. Lockman and H. Lee Seegmiller

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National Aeronautics and  
Space Administration

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## SUMMARY

An experimental investigation of the turbulent, subcritical and supercritical flow over a swept, NACA 0012 semispan wing in a solid-wall wind tunnel is described. The program was conducted over a range of free-stream Mach numbers (0.5 to 0.84), Reynolds numbers based on wing chord ( $2 \times 10^6$  to  $8 \times 10^6$ ), and angles of attack ( $0^\circ$  to  $2^\circ$ ) to provide a variety of test cases for assessment of wing computer codes and tunnel-wall-interference effects. The supercritical cases include flows both without and with three-dimensional flow separation. The principal data obtained were mean surface pressures for both the wing and tunnel walls. In addition, surface oil-flow patterns on the wing and mean-velocity, flow-field surveys (by laser Doppler velocimetry) were obtained for supercritical flow. All the pressure and flow-field data are given in tabular form, with representative results presented graphically to illustrate some of the effects of the test parameters. Comparisons of the wing pressure data with results from two inviscid wing codes are also shown to assess the importance of viscous-flow and tunnel-wall effects.

## INTRODUCTION

With the rapid development of more sophisticated computer codes for calculating complex three-dimensional flows, there is a continuing need for an expanded experimental data base to provide a variety of test cases for verifying these codes (refs. 1 and 2). This need is particularly important to achieve a better understanding of the turbulent flow over three-dimensional wings. In addition, both wing and wind-tunnel wall data are needed to assess the three-dimensional wing computer codes with tunnel walls included (ref. 3). There is a particular need for improved understanding of wall-interference effects in transonic wind tunnels with shock waves present (ref. 4).

In view of these needs, the present experimental investigation was performed with a swept, NACA 0012 semispan wing in a solid-wall wind tunnel to obtain data that can be used to assess wing computer codes and tunnel-wall effects with turbulent, subcritical and supercritical flow over the wing. Data were obtained for subcritical wing flows to provide test cases for verification of the basic features of the computer codes at low Mach numbers where compressible, viscous, three-dimensional, and tunnel-wall effects would be insignificant. Also, data were obtained for supercritical wing flows with shock waves present, where the above-mentioned effects become more pronounced, to provide more difficult test cases for the codes. These latter cases also include flows both without and with three-dimensional flow separation.

For this investigation, a NACA 0012 profile section was selected for the wing because of its importance as a standard test case for airfoil and wing codes (see, e.g., ref. 5). The test program was conducted in the High Reynolds Number Channel I at Ames Research Center over a range of free-stream Mach numbers (0.5 to 0.84), Reynolds numbers based on wing chord ( $2 \times 10^6$  to  $8 \times 10^6$ ), and angles of attack ( $0^\circ$  to  $2^\circ$ ).

The principal data obtained were mean surface pressures for both the wing and channel walls. In addition, surface oil-flow patterns on the wing and mean-velocity, flow-field surveys above the wing (by laser Doppler velocimetry) for supercritical wing flow were obtained. The measurement techniques used are described. All pressure and flow-field data are given in tabular form, and representative results from the study are presented graphically to illustrate some of the effects of the test parameters. Comparisons of the wing pressure data with computations using two inviscid computer codes for three-dimensional wings are also shown to assess the importance of viscous-flow and tunnel-wall effects.

## SYMBOLS

$a$	speed of sound based on local static temperature
$a_t$	speed of sound based on total temperature, $T_t$ (eq. (3))
$b/2$ or $B/2$	wing semispan (fig. 1)
$C_p$ or $CP$	pressure coefficient, $(p - p_\infty)/q_\infty$
$c$	wing chord (streamwise, fig. 1)
$M$	local Mach number
$M_c$ or $MACH$	"chordwise" Mach-number component in LDV plane, $M_c = U_{Res}/a$ (eq. 1)
$M_\infty$ or $MINF$	free-stream Mach number
$p$ or $P$	static pressure
$p_t$ or $PT$	total pressure
$p_\infty$ or $PINF$	free-stream static pressure
$q_\infty$	free-stream dynamic pressure $(1/2)\rho_\infty U_\infty^2 = (\gamma/2)p_\infty M_\infty^2$
$R$	wing leading-edge radius (fig. 1) or gas constant for air (eq. (3))
$Re_{\infty,c}$ or $REC$	free-stream Reynolds number based on wing chord, $c$
$T_t$ or $TT$	total temperature
$t$	wing maximum thickness (fig. 1; $t/c = 0.12$ at $x/c = 0.3$ )
$U_{Res}$ or $URES$	resultant mean-velocity in LDV plane (eq. (2))
$U_\infty$ or $UINF$	free-stream velocity
$\bar{u}$ or $U$	"chordwise" mean-velocity component in LDV plane (fig. 5)
$\bar{w}$ or $W$	vertical mean-velocity component (fig. 5)

$x$ or $X$	= chordwise coordinate measured from wing leading edge (fig. 1)
$x_P$	= axial coordinate measured from centerline of sidewall plugs (table III(D))
$x_T$	= axial coordinate measured from wing trailing edge (fig. 5)
$x_W$ or $XW$	= channel-wall streamwise coordinate measured from wing leading edge at root chord (figs. 2 and 4)
$y, y_T$ , or $Y$	= spanwise coordinate measured from wing root chord (figs. 1 and 5)
$z$ or $Z$	= vertical coordinate measured from wing centerline when $\alpha = 0^\circ$ (fig. 1) or from channel centerline (fig. 2)
$z_{CR}$ or $ZCR$	= vertical coordinate measured from wing center of rotation (figs. 1 and 5)
$z_S$ or $ZS$	= vertical coordinate measured from local wing surface (fig. 5)
$z_T$ or $ZT$	= vertical coordinate measured from wing trailing-edge centerline (fig. 5)
$\alpha$ or ALPHA	= angle of attack (fig. 1)
$\gamma$	= ratio of specific heats, 1.4 for air
$\eta$	= semispan station, $2y/b$ (see, e.g., Fig. 7)
$\theta$ or THETA	= vertical flow angle in LDV plane, $\tan^{-1}(\bar{w}/\bar{u})$ (fig. 5)
$\theta_S$ or THETAS	= wing local surface angle in vertical LDV plane; measured between horizontal plane and surface tangent
$\Lambda$	= wing sweepback angle (fig. 1)
$\rho_\infty$	= free-stream air density

## EXPERIMENTAL METHOD

### Facility

The test program was conducted in the High Reynolds Number Channel I at Ames Research Center. This blowdown-type tunnel, described in detail in reference 6, utilizes a large settling tank, with internal baffles and screens to condition the air flow, and interchangeable nozzles and test sections to provide specific subsonic-through-supersonic test flows ( $M_\infty = 0.4$  to 3.0). A subsonic nozzle, with a contraction area ratio of 37, and a rectangular test section were used for the present test program. The test setup is described in the next section.

## Model and Test Setup

The model tested was a swept semispan wing, as shown in figure 1 along with the various wing characteristics. The wing had a sweepback angle of  $20^\circ$ , a NACA 0012-63 profile section (refs. 7 and 8) in the streamwise direction, an aspect ratio of 3, and no planform taper. The wing had the normal leading-edge radius and position of maximum thickness for a NACA 0012 profile (as indicated by the 6 and 3, respectively, added to the NACA four-digit series notation). The wing-tip shape was obtained by rotating the profile section about the tip-chord axis, and the wing-tip nose was hand-faired into the wing leading edge to prevent a surface discontinuity there. The steel model was polished to provide an average surface roughness of  $0.4\text{ }\mu\text{m}$  or less, which is an order of magnitude less than the estimated average viscous sublayer thickness for the wing. The surface was given a black-oxide finish to prevent corrosion and to provide high contrast for oil-flow-pattern photographs. The model dimensions were accurate to within  $\pm 0.005\text{ cm}$ . Variation in the angle of attack ( $\alpha$ ) was obtained by rotating the model about the axis shown in figure 1. The model  $\alpha$  was estimated to be within  $\pm 0.3^\circ$ , based on channel-flow angularity of approximately  $\pm 0.2^\circ$  (unpublished laser-velocimeter measurements for this facility) and on measurement accuracy for model attitude within  $\pm 0.1^\circ$ . Wing pressure measurements with the model tested upright and inverted for  $\alpha$  set to  $0^\circ$  showed, within the measurement accuracy, no significant flow angularity.

The test setup in the High Reynolds Number Channel I is shown in figure 2. The wing was an integral part of the so-called "wing mounting block," which was flush-mounted on the channel sidewall centerline (see fig. 2). The channel test section used for this study was 25.4 cm wide, 38.1 cm high, and 119.4 cm long ( $2.50 \times 3.75 \times 11.75$  wing chords) with solid walls. The wing projected frontal area compared with the channel cross-sectional area gave a geometric channel blockage of 2%. The channel sidewalls were parallel, whereas the top and bottom walls diverged  $0.15^\circ$  to account for the channel boundary-layer growth. The test Mach number was controlled using an arrangement of throat inserts and a translating wedge for choking the flow downstream of the test section. Different combinations of throat inserts and wedge positions yield a continuous variation of test Mach number.

## Test Conditions

The matrix of nominal test conditions and types of measurements for this study is shown in table I. The test program was conducted over a range of free-stream Mach numbers,  $M_\infty$ , from 0.5 to 0.84, and Reynolds numbers,  $Re_{\infty,c}$ , based on wing chord, from  $2 \times 10^6$  to  $8 \times 10^6$  to provide turbulent, subcritical-through-supercritical flow over the wing. The maximum Reynolds number attainable at each Mach number was dictated by a maximum total pressure of 5 atm absolute (75 psia) with the facility configuration used for this study. Wall temperatures were essentially adiabatic. Data were obtained for angles of attack of  $0^\circ$ ,  $1^\circ$ , and  $2^\circ$ . Wing and channel surface pressures were measured for the range of test conditions, but wing-surface oil-flow patterns and mean-velocity, flow-field surveys were obtained only at  $\alpha = 0^\circ$  and  $2^\circ$  for supercritical wing flow with  $M_\infty$  at or above 0.8. The specific test conditions for each run are given with the tabulated data in appendixes A to E. All data were obtained without boundary-layer transition trips on the wing, except for some limited results to be presented later (not tabulated) to demonstrate the effect of trips on the wing pressures and shock-wave location.

The test run numbers corresponding to the wing and channel pressure data obtained at various combinations of  $M_\infty$ ,  $Re_{\infty,c}$ , and  $\alpha$  are given in table II. Since

the wing had only a few pressure taps on the lower surface, it was tested at  $\alpha = \pm 1^\circ$  and  $\pm 2^\circ$  to obtain both leeward and windward pressure distributions. However, channel pressure data had to be obtained only for  $\alpha = 0^\circ, 1^\circ$ , and  $2^\circ$  because the channel had both top- and bottom-wall pressure taps. Separate runs were required for the wing and channel pressure distributions because of the limited number of pressure transducers available. Some wing and channel pressures were measured during all runs to confirm the duplication of test conditions.

The "free-stream" test conditions for each run are based on the static pressure measured at the upstream pressure tap on the centerline of the right sidewall of the channel (3.18 wing chords ahead of the wing-root leading edge; see fig. 2). No significant pressure differences were measured between taps at this upstream station. The total pressure was measured in the channel settling tank. This pressure was confirmed to be the actual test-section total pressure by measurements with a pitot pressure probe mounted on the channel sidewall during preliminary checkout runs. To avoid probe interference effects on the wing, the pitot probe was not used for the wing test program. The free-stream static and total pressures were measured with high-accuracy (pressure within  $\pm 0.1\%$ ), capacitive-type pressure transducers. The free-stream Mach number was then calculated from the isentropic relationship between Mach number and static-to-total pressure ratio. The free-stream Reynolds number was calculated using the free-stream Mach number, total pressure, and total temperature (measured in settling tank). Keyes' equation for viscosity (see ref. 9) was used in the Reynolds number calculations.

#### Measurement Techniques

Surface pressures— Static surface pressures were measured for the wing and channel walls at the locations shown in tables III(A)-III(D) and in figures 3 and 4. There were 105 pressure taps on the upper surface of the wing, distributed chordwise at the six spanwise stations shown in table III(A) and figure 3. Preliminary oil-flow tests showed a flow-separation region centered about the 77.5% semispan station for certain conditions. Therefore, pressure taps were located along this station, with some additional taps located along the 75% and 80% semispan stations to provide further definition in this region. The taps at the 90% semispan station were limited to the shock-wave region. A few taps were located on the wing lower surface (see table III(A)) to check symmetry. The wing mounting block had an additional 24 taps, with 23 used, as shown in table III(B). The channel top- and bottom-wall plates each had 56 taps, with 50 used, as shown in table III(C) and figure 4. The two channel sidewall plugs (see fig. 2) each had 15 taps, with 9 used, as shown in table III(D). Plug 1 was 3 wing chords downstream of the wing-root leading edge and plug 2 was in the wall opposite the wing tip. Sidewall pressure data were thus obtained from the wing mounting block and the sidewall plugs.

The static pressure taps had orifice diameters of 0.30 cm for the wing and wing mounting block and 0.040 cm for the channel top and bottom walls and for the sidewall plugs. The orifices were formed by an electric-arc-discharge technique to insure sharp edges. Each orifice axis was normal to the local surface. The orifices were connected with tubing (0.107-cm i.d.) to strain-gage pressure transducers outside the channel. The transducers measured differential pressure with the atmospheric reference pressure measured with a mercury barometer. To insure greater measurement accuracy, all pressure transducers were calibrated immediately before each run.

Surface oil-flow patterns— The limiting streamlines and shock-wave patterns on the wing surface were visualized using the surface oil-flow technique described in

reference 10. The black-oxide model surface was coated with a white oil mixture (vacuum pump oil, titanium dioxide powder, and oleic acid) to provide good contrast for the photographs. The oil coating was applied either uniformly over the entire wing surface for overall flow patterns, or along discrete spanwise lines at fixed chordwise locations, for more detailed flow patterns in localized regions. The wing tests were run for ~1 to 3 min, depending on test conditions, to develop a stable oil-flow pattern. In preliminary runs, motion pictures demonstrated that tunnel shutdown at run termination had no effects on the flow patterns developed during the run. Postrun still photographs were made of the surface oil-flow patterns.

Flow-field surveys—Flow-field surveys of mean velocity above the wing surface were made with a two-dimensional, laser Doppler velocimeter (LDV) system. The velocity components measured and the coordinate system used for this study are shown in figure 5. Limited window access for the LDV system necessitated viewing the wing at an angle relative to the tunnel axis to give adequate survey coverage of the wing surface area of interest. Therefore, the "chordwise" and vertical velocity components,  $\bar{u}$  and  $\bar{w}$ , respectively, were measured in a vertical plane  $10^\circ$  off the tunnel axis. The "spanwise" velocity component,  $\bar{v}$ , could not be measured with the two-dimensional LDV system. A vertical flow angle,  $\theta$ , in the LDV plane (see fig. 5) was determined from the  $\bar{u}$  and  $\bar{w}$  components. A "chordwise" Mach-number component,  $M_c$ , (i.e., the resultant of the local Mach number in the LDV plane) was also calculated from the following adiabatic relationship between Mach number and the ratio of the measured resultant velocity to the speed of sound based on total temperature (ref. 11):

$$M_c = \frac{U_{Res}}{a_t} \left[ 1 - \frac{\gamma - 1}{2} \left( \frac{U_{Res}}{a_t} \right)^2 \right]^{-1/2} \quad (1)$$

where:

$$U_{Res} = (\bar{u}^2 + \bar{w}^2)^{1/2} \quad (2)$$

$$a_t = (\gamma R T_t)^{1/2} \quad (3)$$

Thus, both the measured "chordwise" and vertical velocity components ( $\bar{u}$  and  $\bar{w}$ ) were included in the "chordwise" Mach-number component ( $M_c$ ).

Vertical surveys were made perpendicular to the tunnel axis at the specified chord ( $x/c$ ) and semispan ( $2y/b$ ) stations given in table IV. Data were taken at the two central semispan stations of  $2y/b = 0.500$  and  $0.775$ . The major three-dimensional flow separation occurs at  $2y/b = 0.775$  for  $\alpha = 2^\circ$ . Surveys were taken at  $M_\infty = 0.826$  and  $Re_{\infty, c} = 8 \times 10^6$  for both  $\alpha = 0^\circ$  and  $2^\circ$ . With the limited window access, surveys were taken at stations from the vicinity of the shock wave (at these test conditions) downstream to the wing trailing edge.

Figure 6 is a schematic of the optical configuration for the LDV. The arrangement is that of a two-color, dual-beam system using forward scatter. A 4-W argon-ion laser was used with a dispersing prism to provide two beams with 488.0 and 514.5 nm wavelengths. These beams were split, rotated to orient the fringe system (in the vertical LDV plane)  $\pm 45^\circ$  relative to the horizontal plane, and intersected in the flow field at a desired survey station above the wing. The forward scattered light from the particles passing through the volume formed by the intersection of the four beams was optically collected and transmitted through apertures, focusing lenses,

and filters to two on-axis photomultiplier tubes. The fringe volume was approximately 0.3 mm in diameter and 3 mm long in the spanwise direction. Bragg cells were used to enable the system to detect velocity direction by causing the fringes within the stationary measuring volume to move downstream at the Bragg frequency of 40 MHz. Vertical and chordwise movement of the fringe volume for surveys was accomplished by remotely positioning the optical bench that supported the laser and optics.

A two-channel, synchronized counter system developed at Ames Research Center measured the velocity of particles passing through the fringe volume. Pulse stretching, velocity consistency checks on the basis of particles crossing five and eight fringes, and signal-amplitude limiting were employed. Doppler-frequency signals were processed by the counters and passed into a dual-channel signal analyzer which retained the data in memory. After completion of data acquisition, a computer with access to this memory was used to determine statistically the mean velocities. The optical configuration, incident beam wavelength, and the resulting Doppler frequency uniquely determine the velocity of a particle passing through the fringe volume in the direction normal to the fringes. The mean-velocity components were calculated using expressions from reference 12.

To control the characteristics of the particles passing through the fringe volume, the flow was artificially seeded with polystyrene spheres with diameters ranging from 0.35 to 0.55  $\mu\text{m}$ . The spheres, in an alcohol diluent, were injected into the channel settling tank upstream of the turbulence-reducing screens. Tests showed that the alcohol evaporated before it reached the test section. An analysis of the particle response, using the method of reference 13, indicated that the motion of the spheres is not significantly different from the motion of the flow. A velocity adjustment of 99% to a normal shock wave is predicted to occur in distances of 0.4 to 0.9 mm. The spheres were also sufficiently large to provide a good quality signal. A counting rate of a few thousand particles per second was obtained, which was sufficient for this investigation.

Additional details on the complete LDV system are given in reference 14.

### Experimental Uncertainties

Experimental uncertainties were estimated for the test conditions, pressure measurements, and LDV mean-flow measurements. The uncertainties are summarized in the following table:

Test conditions:	Pressure measurements:
$\Delta p_t/p_t = \Delta p_\infty/p_\infty \leq \pm 0.1\%$	$\Delta p/p \leq \pm 1\%$
$\Delta T_t/T_t \leq \pm 0.5\%$	$\Delta C_p \leq \pm 0.02$
$\Delta M_\infty \leq \pm 0.002$	$\Delta M \leq \pm 0.01$ (from $p/p_t$ measurement)
$\Delta U_\infty/U_\infty \leq \pm 0.5\%$	
$\Delta \alpha \leq \pm 0.3^\circ$	

### LDV Mean-Flow Measurements

$$\begin{aligned}
 \Delta \bar{u}/U_\infty &\leq \pm 0.03 & \bar{u}/U_\infty &\pm 0.02 & \bar{w}/U_\infty \\
 \Delta \bar{w}/U_\infty &\leq \pm 0.03 & \bar{w}/U_\infty &\pm 0.02 & \bar{u}/U_\infty \\
 \Delta \theta &\leq \pm 1^\circ \\
 \Delta M_c/M_c &\leq \pm 0.04 \\
 \Delta x/c = \Delta z/c &\leq \pm 0.0025
 \end{aligned}$$

## COMPUTATIONAL METHODS

Comparisons of the wing pressure data with computations using two inviscid, computer codes for three-dimensional wings will also be shown in order to assess the importance of the viscous-flow and tunnel-wall-interference effects. Both codes, FLO-29 developed by Mercer et al. (ref. 3) and TWING developed by Holst and Thomas (ref. 15), solve the full-potential equation in conservative form.

### FLO-29 Computer Code

The FLO-29 computer code, based on the finite-volume method of Jameson and Caughey (ref. 16) for spatial differencing, uses a successive-line overrelaxation (SLOR) iteration scheme to solve the potential equation. Three grid sizes (course, medium, and fine) are used in sequence to provide more efficient computation. The cross-sectional grid at any spanwise station is a "C"-type mesh. The FLO-29 code is the same as the FLO-28 code for free air (ref. 17), but modified to include tunnel-wall boundary conditions. Although the FLO-29 code was developed for treating flow in a wind tunnel, the free-air capability was retained in modifying FLO-28 to obtain FLO-29. At this time, only the free-air version of the FLO-29 code is operational at Ames. Experience at Ames with various in-tunnel versions of the FLO-29 code have shown anomalies that indicate that the code is not yet performing adequately for the tunnel-flow case. All FLO-29 results to be presented here for free-air conditions were computed for a final mesh of  $128 \times 16 \times 32 = 65,536$  points (chordwise-wraparound, "normal," and spanwise directions, respectively), with  $81 \times 21 = 1,701$  points on the wing surface.

### TWING Computer Code

The TWING computer code, based on a finite-difference scheme for spatial differencing, uses a fully implicit, approximate-factorization (AF2) iteration scheme to solve the potential equation. The cross-sectional grid at any spanwise station is an "O"-type mesh. The TWING code is for free-air conditions only; wall boundary conditions have not yet been added. All TWING results presented here were computed for a mesh of  $127 \times 27 \times 20 = 68,580$  points (chordwise-wraparound, spanwise, and radial-like directions, respectively), with  $127 \times 18 = 2,286$  points on the wing surface. Comparisons of results obtained with the TWING and FLO-28 computer codes for several wing geometries are also presented in reference 15.

## RESULTS AND DISCUSSION

As previously mentioned, test data were obtained for a large matrix of Mach numbers, Reynolds numbers, and angles of attack. The pressure data for the wing upper surface, wing mounting block, and channel walls are tabulated in appendixes A to D. The pressure data tables are presented for a given  $\alpha$  in the order of increasing  $M_\infty$  and  $Re_{\infty,c}$  shown in table II. The mean-flow survey data are tabulated in appendix E. The survey data tables are presented for a given  $\alpha$  and  $2y/b$  in the order of increasing  $x/c$  shown in table IV. Representative results from this study will now be presented for the wing and for the top and bottom walls of the channel to illustrate some of the effects of the test parameters for both subcritical ( $M_\infty = 0.5$  to  $0.7$ ) and supercritical ( $M_\infty = 0.7+$  to  $0.8+$ ) flow over the wing.

Comparisons of the wing pressure data with computations using the FLO-29 and TWING computer codes will also be shown to assess the importance of the viscous-flow and tunnel-wall-interference effects.

### Subcritical Flow

Effect of Reynolds number— The effect of Reynolds number on the wing pressure distribution for  $M_\infty = 0.5$  and  $\alpha = 0^\circ$  was negligible for the Reynolds-number range tested (see fig. 7). Although not shown here, there also were no significant effects of Reynolds-number variation on the channel-wall pressures for this subcritical Mach number. However, the remaining subcritical results will be presented for  $Re_{\infty,c} = 6 \times 10^6$  to ensure turbulent wing flow.

Effect of Mach number— The wing pressure distributions for free-stream Mach numbers from 0.5 to 0.7 are combined in figure 8 for  $\alpha = 0^\circ$ ;  $2^\circ$  (leeward surface); and  $-2^\circ$  (windward surface). These results illustrate the presence of subcritical wing flow for this Mach-number range at these angles of attack, and show orderly decreases in surface pressure as the local Mach number increases with increasing free-stream Mach number.

Effect of angle of attack— The effects of angle of attack on the wing leeward and windward surface pressures for a nominal  $M_\infty$  of 0.5 are summarized in figure 9. Similar results, tabulated in appendix A, were obtained at  $M_\infty = 0.6$  and 0.7. As expected for these subcritical wing flows, orderly decreases and increases in the leeward and windward pressures, respectively, with increasing angle of attack were obtained.

Experiment/computation comparisons— Comparisons of wing pressure data with computations using the FLO-29 and TWING codes for free-air boundary conditions are presented in figures 10 and 11 for  $M_\infty = 0.5$  and 0.7, respectively, at  $\alpha = 0^\circ$  and  $\pm 2^\circ$ . The excellent agreement between the data and the free-air predictions by both inviscid codes indicates minimal viscous and tunnel-wall-interference effects for the range of subcritical flow conditions tested. The TWING code gives somewhat better agreement with the data for both Mach numbers than does the FLO-29 code. Also apparent from the data and the computations are the relatively small three-dimensional-flow effects for these subcritical conditions.

Channel-wall data— Mach-number distributions from pressure measurements at the channel top and bottom walls, corresponding to the wing results presented in the previous section, are shown in figures 12 and 13 for  $M_\infty = 0.5$  and 0.7, respectively, at  $\alpha = 0^\circ$  and  $2^\circ$ . The wall Mach numbers approaching the wing region become somewhat higher than the free-stream values, and are essentially the same at all semispan stations, with some spanwise variation at the top wall for  $\alpha = 2^\circ$ . Thus, these data further indicate minimal wall-interference and three-dimensional effects for the subcritical flow cases tested. However, as would be expected, these effects became more apparent as angle of attack and free-stream Mach number were increased.

### Supercritical Flow

Effect of Reynolds number— The effect of Reynolds number variation on the wing pressure data for supercritical flow with  $M_\infty < 0.84$  was insignificant except at the lowest Reynolds number of  $2 \times 10^6$ , at which laminar and/or transitional flow, rather

than fully developed turbulent boundary-layer flow may have been prevalent on the wing. This is illustrated for a nominal  $M_\infty$  of 0.83 at  $\alpha = 0^\circ$  and  $2^\circ$  (leeward surface) in figure 14. The Reynolds-number effect is primarily on the shock-wave location. Similar results were obtained for  $M_\infty = 0.82$ . However, the data for a nominal Mach number of 0.84 showed significant variations with changing Reynolds numbers, and should be used with caution. Extensive three-dimensional flow separation will be shown later in oil-flow patterns for this high Mach number at  $\alpha = 2^\circ$ .

Although not shown here, there also were no significant effects of Reynolds-number variation on the channel-wall pressures for  $Re_{\infty,c} > 2 \times 10^6$  at the supercritical flow conditions.

Effect of boundary-layer transition trips—To assess whether the boundary layer was turbulent at the shock wave for the higher Reynolds numbers of interest, boundary-layer transition trips were affixed to the wing upper and lower surfaces spanwise along the 12.5% chord station (no pressure taps here) for some runs. The trips consisted of uniformly distributed grit (glass beads) on 1.25-mm wide strips. Two different trips with nominal bead diameters of 0.05 and 0.10 mm were selected, based on the criteria of reference 18. With either trip present, the wing pressure distributions for  $Re_{\infty,c} = 2 \times 10^6$  were brought into agreement with distributions for  $Re_{\infty,c} \geq 4 \times 10^6$  without trips. This is illustrated in figure 15 for the wing upper surface at  $\alpha = 2^\circ$  and  $M_\infty = 0.83$ . Results are shown at the  $2y/b = 0.775$  semispan station where three-dimensional flow separation occurs (to be shown later) and Reynolds-number effects are most significant. Also, for  $Re_{\infty,c} \geq 4 \times 10^6$ , pressure data with trips, not shown here, agreed with the untripped data, thereby indicating that transition occurred upstream of the trip location. Thus, the boundary layer ahead of the shock wave without trips was a fully developed turbulent flow for  $Re_{\infty,c} \geq 4 \times 10^6$ , whereas it may have been laminar and/or transitional for  $Re_{\infty,c} = 2 \times 10^6$ . All other data presented in this report were obtained without the transition trips. Therefore, the untripped data for  $Re_{\infty,c} = 2 \times 10^6$  should be used with caution because they are not necessarily for fully developed turbulent flow at the shock.

Wing oil-flow patterns—Wing oil-flow patterns were obtained at supercritical flow conditions to show limiting surface streamlines, shock-wave location, and the extent of flow separation. The flow patterns for  $\alpha = 0^\circ$  at  $M_\infty = 0.80$  and 0.82 are shown in figure 16. The limiting streamlines have a slight turning at the developing shock for  $M_\infty = 0.80$ ; for  $M_\infty = 0.82$  they have a more rapid turning at the stronger shock with a coalescence of the outboard and inboard flows near 3/4 semispan, but without flow separation. However, at  $\alpha = 2^\circ$ , three-dimensional flow separation does occur and increases in extent with increasing Mach number, resulting in forward shock movement on the leeward (upper) surface near 3/4 semispan, as shown in figure 17 for  $M_\infty = 0.816$ , 0.828, and 0.836. The complex leeward-surface flow includes the singularities (nodes, foci, and saddle points) discussed in reference 19. The "mushroom-shaped" separation patterns are similar to those observed for stalled airfoils and wings at high angle of attack (see, e.g., refs. 20 and 21). (Some minor disturbances are also apparent in the oil-flow patterns due to the small pressure taps and nonuniform application of oil.) The corresponding oil-flow patterns for the windward (lower) surface are shown in figure 18. These oil-flow patterns, both without and with three-dimensional flow separation, should be useful for assessing viscous computer codes by providing data for comparisons with computations of surface skin-friction directions.

Effect of Mach number—The shock-wave development and location on the wing are quite sensitive to small variations in free-stream Mach number, particularly on the

leeward surface. This was evident from the oil-flow patterns and is further illustrated by the wing pressure distributions for a range of Mach numbers shown in figures 19 ( $\alpha = 0^\circ$ ); figure 20 ( $\alpha = 2^\circ$ , leeward surface); and figure 21 ( $\alpha = 2^\circ$ , windward surface). The shock-wave development and its aft movement with increasing Mach number, as would be expected (see, e.g., ref. 22), are readily seen. At  $\alpha = 2^\circ$  for  $M_\infty = 0.826$  (fig. 20(b)), a slight plateau in the leeward pressure distribution downstream of the shock is also evident at  $2y/b = 0.775$ , thus indicating the flow separation that occurs here.

The shock-wave locations, as indicated by peak suction pressures and oil-flow patterns, for four semispan stations on the wing upper surface are summarized in figure 22 for  $\alpha = 0^\circ$  and  $2^\circ$  (leeward surface). The aft movement of the shock wave with increasing  $M_\infty$  is again demonstrated in this figure. The shock is farther aft for the inboard stations than for the outboard stations as a result of wing root and tip effects on the flow. Also, for  $\alpha = 2^\circ$  at the higher Mach numbers, the shock position starts to move forward with increasing Mach number at the outboard stations where three-dimensional flow separation starts to develop, pushing the shock forward. This enlarging separation region and forward shock movement with increasing Mach number for  $\alpha = 2^\circ$  were previously seen in the oil-flow patterns.

By comparing figures 22(a) and 22(b), the shock location for  $\alpha = 0^\circ$  is seen to be farther forward than it is for  $\alpha = 2^\circ$  at the same Mach number, except at the outboard stations, where flow separation occurs at  $\alpha = 2^\circ$ . However, the rate of aft movement of the shock with increasing  $M_\infty$  for  $\alpha = 0^\circ$  is about twice that for  $\alpha = 2^\circ$  ( $\Delta x/c = 0.04$  to  $0.09$  and  $0.02$  to  $0.05$  for  $\alpha = 0^\circ$  and  $2^\circ$ , respectively, for  $\Delta M_\infty = 0.01$ , depending on semispan station).

The shock-wave locations indicated by the oil-flow patterns are downstream of the locations of the peak suction pressures by about a maximum of 3% of chord for any given semispan station. This is characteristic of the results obtained by oil-flow techniques whereby the oil responds more slowly to the reduced velocity at the shock wave than the pressure measurements indicate. Also, the midpoint of the pressure rise in the wing pressure distributions is in closer agreement with the oil-flow results; it is probably more representative of the shock location, considering possible shock-position unsteadiness at these transonic conditions and any complex lambda-type shock structure for the viscous-inviscid interaction near the wing surface.

Effect of angle of attack—The effects of angle of attack on the wing leeward and windward surface pressures are summarized in figures 23 and 24 for a nominal  $M_\infty$  of 0.82 and 0.83, respectively. In particular, the pressure data for both Mach numbers indicated a "sticking" of the shock position at the  $2y/b = 0.775$  semispan station on both wing surfaces. Also, at this semispan station on the leeward surface, the development of a slight pressure plateau downstream of the shock is again evident, thus indicating the occurrence of flow separation with increasing angle of attack.

Experiment/computation comparisons—Comparisons of wing pressure data with computations using the FLO-29 and TWING codes will now be presented for cases both without and with three-dimensional flow separation. Results are shown in figures 25 and 26 for  $M_\infty = 0.8$  and 0.83, respectively, at  $\alpha = 0^\circ$  and  $\pm 2^\circ$ . The computations were made for the specific Mach number shown on each figure for the experimental data. As was previously shown, no flow separation was evident on the wing for  $M_\infty = 0.8$  at  $\alpha = 0^\circ$  and  $\pm 2^\circ$  and for  $M_\infty = 0.83$  at  $\alpha = 0^\circ$ . However, flow separation was present on the leeward surface for  $M_\infty = 0.83$  at  $\alpha = 2^\circ$ .

Both codes give results that are in reasonably good agreement with the experimental data upstream and downstream of the shock for the unseparated-flow cases in which viscous effects are not large. The pressures are somewhat overpredicted downstream of the shock by the inviscid codes. However, for  $M_\infty = 0.83$  at  $\alpha = 2^\circ$ , these inviscid codes considerably overpredict the pressure recovery downstream of the shock on the leeward surface where complex, three-dimensional viscous-inviscid interactions and separation occur. The windward pressures are also overpredicted for this latter case. Overprediction of the pressures downstream of a shock with separation was also shown in reference 6 for Navier-Stokes viscous solutions of a two-dimensional airfoil flow. This result could occur with a stronger shock in the theoretical analysis than would be present in the actual flow with viscous-inviscid interactions (see ref. 23).

In the shock-wave region, differences between the experimental data and results from the codes are particularly evident. As expected, these differences increase as the viscous and tunnel-wall effects become more pronounced with increasing Mach number and angle of attack. Both codes give shock positions upstream of the experimental data because of tunnel-wall-interference effects not accounted for in the free-air codes. If the tunnel walls were included in either of the codes, the shock should move downstream and increase in strength because of flow blockage. This was demonstrated for another wing/tunnel configuration by Mercer et al. (ref. 3) using FLO-29 computations for both free-air and in-tunnel conditions, but no experimental data were available for comparison. The importance of the tunnel walls was previously shown for a two-dimensional airfoil in the same facility as that used in the present test program (ref. 24). Also apparent from the results in figures 25 and 26 are the large differences in shock position as determined by the FLO-29 and TWING codes — differences of the order of 10% of chord for the leeward surface. The shock position determined by the FLO-29 code is always upstream of that determined by the TWING code. In addition, the shock-capture distance calculated with FLO-29 is greater than that calculated with TWING, which is more representative of the experimental results. As a result of these effects, the lift predicted by FLO-29 is less than that predicted by TWING. These various types of differences were discussed by Holst and Thomas (ref. 15) when they compared TWING and FLO-28 for several wings and flow conditions. (As previously mentioned, the free-air version of FLO-29 is the same as FLO-28.) Since both codes use the fully conservative form of the full-potential equation, the differences in the results are attributed to the different numerical schemes and wake analyses used (see ref. 15).

Channel-wall data—Mach-number distributions from pressure measurements at the top and bottom walls of the channel, corresponding to the wing results presented in the previous section, are shown in figures 27 and 28 for  $M_\infty = 0.8$  and  $0.83$ , respectively, at  $\alpha = 0^\circ$  and  $2^\circ$ . The wall Mach numbers approaching the wing region become higher than the free-stream values, and show some spanwise variation, with both of these changes increasing and decreasing on the top and bottom walls, respectively, as angle of attack and free-stream Mach number increase. There are minimal spanwise variations in Mach number for the bottom wall below the wing windward surface at  $\alpha = 2^\circ$  (figs. 27(b) and 28(b)). The wing pressure distributions on the windward surface for these latter cases (see figs. 25(c) and 26(c)) show weaker shocks than on the leeward surface (see figs. 25(b) and 26(b)), thereby producing less wing/wall interaction on the windward than on the leeward side of the wing. The wall data thus indicate significant wall-interference and three-dimensional effects for the supercritical-flow cases tested, and, as would be expected, show that the effects generally become more pronounced as angle of attack and free-stream Mach number increase.

Flow-field survey data— Mean-flow surveys above the wing surface by LDV at  $M_\infty = 0.826$  for both  $\alpha = 0^\circ$  and  $2^\circ$  will now be presented to illustrate further the flow complexities at transonic conditions with shock waves present. Vertical surveys were taken in the LDV plane (see fig. 5) to 1 chord above the wing surface at semispan stations of  $2y/b = 0.500$  and  $0.775$ . Data were not obtained as close to the wing surface for  $\alpha = 2^\circ$  as for  $\alpha = 0^\circ$  because of minimal seeding there with flow separation and optical noise from laser beam reflections at the surface.

Profiles of the "chordwise" velocity component ( $\bar{u}$ ), "chordwise" Mach-number component ( $M_c$ ), and vertical flow angle ( $\theta$ ) are given in figures 29, 30, and 31, respectively, for  $\alpha = 0^\circ$ ; and in figures 32, 33, and 34, respectively, for  $\alpha = 2^\circ$ . The values shown for  $\bar{u}/U_\infty$  and  $M$  at the shock are the total velocity and Mach number calculated from the surface pressure at the peak suction point on the wing pressure distribution, which is the approximate shock location. The local surface angle shown is the wing surface angle in the vertical LDV plane and measured between the horizontal plane and surface tangent.

For both  $\alpha = 0^\circ$  and  $2^\circ$ , there is a decrease in the velocity and Mach-number components from the vicinity of the shock downstream to the wing trailing edge because of the adverse pressure gradient approaching the trailing edge. Of particular interest are the gradients in velocity, Mach number, and flow angle rather far into the flow field due to static and total pressure gradients above the wing from inviscid and viscous effects, such as combinations of streamline curvature, shock-wave curvature, boundary-layer development, shock/boundary-layer interactions, and flow separation. The velocity, Mach-number, and flow-angle gradients at  $\alpha = 2^\circ$  are generally larger and more complex than at  $\alpha = 0^\circ$ , with local peaks and changes in sign. (Some of the small fluctuations in flow angle are due to measurement inaccuracies for the small vertical velocities rather than to actual flow effects.) Complex three-dimensional, viscous-inviscid interactions occur at  $\alpha = 2^\circ$  where flow separation was previously shown to be present. These gradients for both  $\alpha = 0^\circ$  and  $2^\circ$  are not fully understood at this time; they require further study, which should include both inviscid and viscous flow-field computations to analyze the inviscid/viscous effects present. Of course, tunnel-wall boundaries must be included in the computations to provide appropriate comparisons with the experimental data for this transonic case with shock waves.

#### CONCLUDING REMARKS

Experimental results were obtained for turbulent, subcritical and supercritical flow over a swept, NACA 0012 semispan wing in the High Reynolds Number Channel I at Ames Research Center. The program was conducted over a range of Mach numbers, Reynolds numbers, and angles of attack to provide a variety of test cases for assessment of three-dimensional wing computer codes and tunnel-wall-interference effects. Results both without and with three-dimensional flow separation were obtained. The principal data obtained were mean surface-pressure distributions for both the wing and the channel walls. In addition, surface oil-flow patterns on the wing and mean-velocity, flow-field surveys above the wing for supercritical wing flow were obtained to further illustrate the flow complexities at transonic conditions with shock waves present. All the pressure and flow-field data are given in tabular form. Representative results from this study were presented for the wing and for the top and bottom walls of the channel to illustrate some of the effects of the test parameters. Comparisons of the wing pressure data with computations using two inviscid computer codes (FLO-29 and TWING) for three-dimensional wings were also shown to assess the

importance of the viscous-flow and tunnel-wall-interference effects.

The following observations were made from this investigation:

1. At free-stream Mach numbers less than 0.84, there was little effect of Reynolds-number variation on the wing and channel-wall pressure distributions over the range of free-stream Reynolds numbers (based on wing chord) from  $4 \times 10^6$  to  $8 \times 10^6$  where the flow was turbulent. The Reynolds-number effect was only significant for supercritical wing flow ( $M_\infty < 0.84$ ) at the lowest value tested of  $2 \times 10^6$  where laminar and/or transitional boundary-layer flow may have been prevalent.

2. The wing flow was quite sensitive to variations in free-stream Mach number with supercritical flow conditions on the wing. For example, a Mach number change of 0.01 produced about a 5% chord change in shock position (greater or smaller depending on angle of attack and semispan location). Also, the extent of three-dimensional flow separation and the complexity of the flow at angle of attack were greatly increased as the free-stream Mach number increased. This was particularly evident from the surface oil-flow patterns and mean flow-field surveys above the wing.

3. Excellent agreement was obtained between experimental and free-air inviscid computational values of wing pressures at low subsonic Mach numbers where compressible, viscous, three-dimensional, and tunnel-wall effects were insignificant. However, the codes only predict the gross features of the flow at supercritical conditions with shock waves present, where the above-mentioned effects become more pronounced. There were relatively good predictions of pressures except for the shock-wave region on the wing. The inviscid computations also tend to overpredict the pressure recovery downstream of the shock wave on the wing upper surface where complex three-dimensional, viscous-inviscid interactions and separation develop at angle of attack.

4. These comparisons of the wing pressure data with results from the FLO-29 (free air) and TWING codes demonstrate the need for both inviscid and viscous codes that include tunnel boundaries in order to properly predict these transonic results with shock waves present. In addition to their use in the assessment of wall interference, the channel-wall data (for top, bottom, and sidewalls) could help define the boundary conditions used for computer codes incorporating tunnel walls.

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TABLE I  
TEST MATRIX WITH TYPES OF MEASUREMENTS

MACH NO., $M_\infty$	REYNOLDS NO. BASED ON WING CHORD, $Re_{\infty, c}$			
	$2 \times 10^6$	$4 \times 10^6$	$6 \times 10^6$	$8 \times 10^6$
ANGLE OF ATTACK, $\alpha = 0$ deg				
0.5 0.6 0.7 0.8+	$C^a, W$   $C, W$	$C, W$   $C, W$	$C, W$ $C, W$ $C, W$ $C, W$	$C, O, V, W$
ANGLE OF ATTACK, $\alpha = 1$ deg				
0.5 0.6 0.7 0.8+	   $C, W$	   $C, W$	$C, W$ $C, W$ $C, W$ $C, W$	$C, W$
ANGLE OF ATTACK, $\alpha = 2$ deg				
0.5 0.6 0.7 0.8+	   $C, W$	   $C, W$	$C, W$ $C, W$ $C, W$ $C, W$	$C, O, V, W$

$^aC$  = CHANNEL-WALL PRESSURES;

O = WING SURFACE OIL-FLOW PATTERNS;

V = LDV MEAN-VELOCITY SURVEYS; AND

W = WING SURFACE PRESSURES.

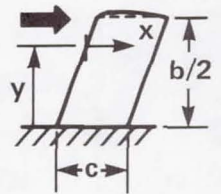
TABLE II  
RUN SCHEDULE FOR PRESSURE DATA

NOMINAL		RUN NO. FOR WING AND WING MOUNTING BLOCK DATA					RUN NO. FOR CHANNEL DATA		
$M_{\infty}$	$Re_{\infty, c}$ $\times 10^{-6}$	AT $\alpha =$					AT $\alpha =$		
		0°	1°	2°	-1°	-2°	0°	1°	2°
0.50	2	88	—	—	—	—	36	—	—
↓	4	91	—	—	—	—	37	—	—
↓	6	89	71	116	144	142	38	69	51
0.60	6	87	72	114	154	140	39	67	52
0.70	6	86	73	113	153	139	48	66	53
0.75	8	98	—	110	—	—	—	—	—
0.76	↓	97	—	112	—	—	—	—	—
0.77	↓	94	—	111	—	—	—	—	—
0.78	↓	96	—	109	—	—	—	—	—
0.80	↓	93	—	100	—	136	181	—	189
0.81	↓	95	—	108	—	135	182	—	191
0.82	2	83	74	102	148	137	42	62	55
↓	4	84	75	104	149	130	43	64	56
↓	6	85	77	105	150	131	49	63	57
↓	8	82	78	101	147	132	45	65	58
0.83	2	163-2	—	127-1	—	—	176-1	—	185-2
↓	4	162	—	126	—	—	177-2	—	193
↓	6	161	—	125	—	—	178	—	192
↓	8	159	165	124	146	134	180	172	188
0.84	2	163-1	—	127-2	—	—	176-2	—	185-1
↓	4	160	—	123	—	—	177-1	—	186
↓	6	155	168	122	151	138	179	170	187
↓	8	158	164	121	145	—	175	171	184

TABLE III  
PRESSURE TAP LOCATIONS

(A) NACA 0012-63 SEMISPAN WING

$x/c \backslash 2 y/b$	0.250	0.500	0.750	0.775	0.800	0.900
0	1 <sup>a</sup>	26		61		
0.0125	2	27		62		
0.025	3	28		63		
0.050	4	29		64		
0.100	5	30		65		
0.150	6	31		66		
0.200	7 <sup>b</sup>	32 <sup>b</sup>		67 <sup>b</sup>		
0.250	8	33		68		96
0.300	9	34		69		97
0.325				70		98
0.350	10	35	51	71	86	99
0.375		36	52	72	87	100
0.400	11 <sup>b</sup>	37 <sup>b</sup>	53	73 <sup>b</sup>	88	101
0.425	12	38	54	74	89	
0.450	13	39	55	75	90	102
0.475	14	40	56	76	91	
0.500	15	41	57	77	92	103
0.525	16	42	58	78	93	
0.550	17	43	59	79	94	104
0.575	18	44		80		
0.600	19	45	60	81	95	105
0.625	20	46				
0.650	21	47		82		
0.675	22					
0.700	23	48		83		
0.800	24	49		84		
0.900	25	50		85		



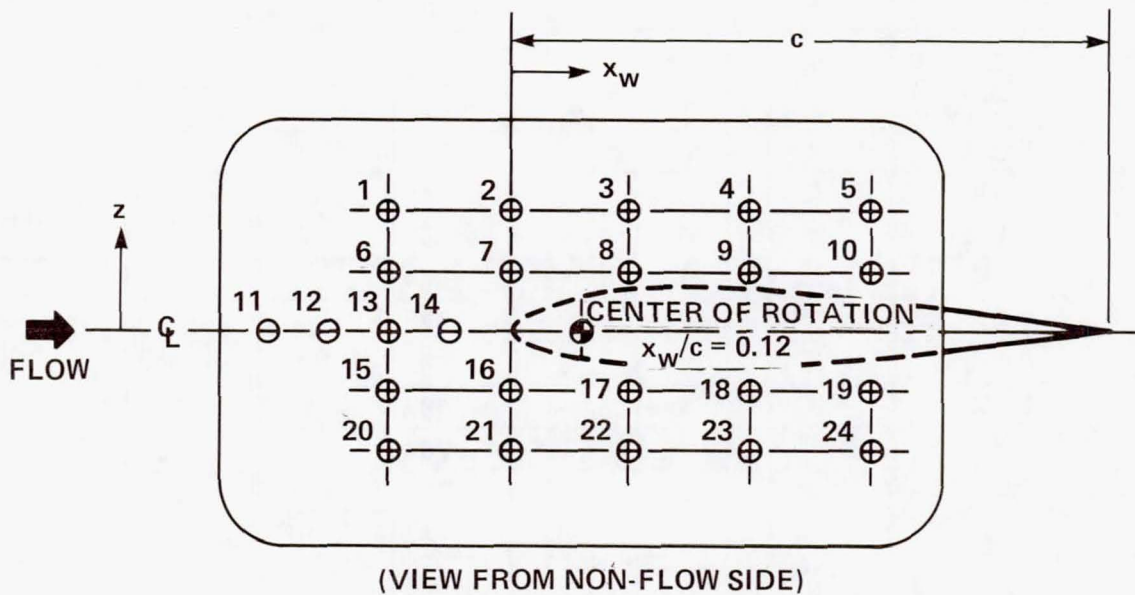
<sup>a</sup>TAP NO.: USE "W" PREFIX FOR WING.

<sup>b</sup>TAPS (6) ALSO ON LOWER SURFACE.

NOTE:  $c = 10.16 \text{ cm (4 in.)}$ ;  $b/2 = 15.24 \text{ cm (6 in.)}$ .

TABLE III – Continued  
PRESSURE TAP LOCATIONS

(B) WING MOUNTING BLOCK



$$2 y/b = 0$$

$x_w/c$	-0.4	-0.3	-0.2	-0.1	0	0.2	0.4	0.6
$z/c$								
0.2			1 <sup>a</sup>		2	3	4	5
0.1			6		7	8	9	10
0	11 <sup>b</sup>	12	13	14				
-0.1			15		16	17	18	19
-0.2			20		21	22	23	24

<sup>a</sup>TAP NO.: USE "M" PREFIX FOR MOUNTING BLOCK.

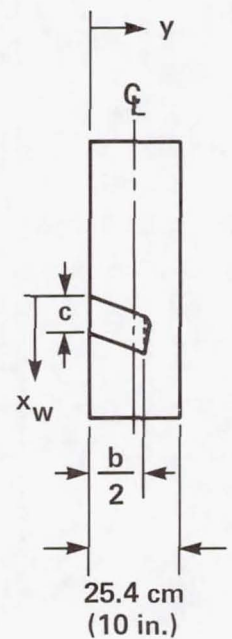
<sup>b</sup>TAP NO. 11 NOT USED.

NOTE:  $c = 10.16 \text{ cm (4 in.)}$ .

TABLE III. – Continued  
PRESSURE TAP LOCATIONS

(C) CHANNEL TOP AND BOTTOM WALL PLATES<sup>a</sup>  
(LOCATIONS FOR TOP VIEW OF WING)

$x_w/c$ \ $2y/b$	0.250	0.500	0.750	0.833	1.000	1.333
UPSTREAM PLATE						
-2.02	1 <sup>b</sup>		22			45
-1.52			23			
-1.02			24			
-0.52	2	12	25		35	46
-0.27	3	13	26		36	47
-0.02	4	14	27		37	48
0.23	5	15	28		38	49
0.48	6	16	29		39	
0.73	7	17	30		40	50
0.98	8	18	31		41	51
1.23	9	19	32		42	52
1.48	10	20	33		43	53
1.98	11	21	34		44	54
DOWNSTREAM PLATE						
3.98				55		
5.98				56		



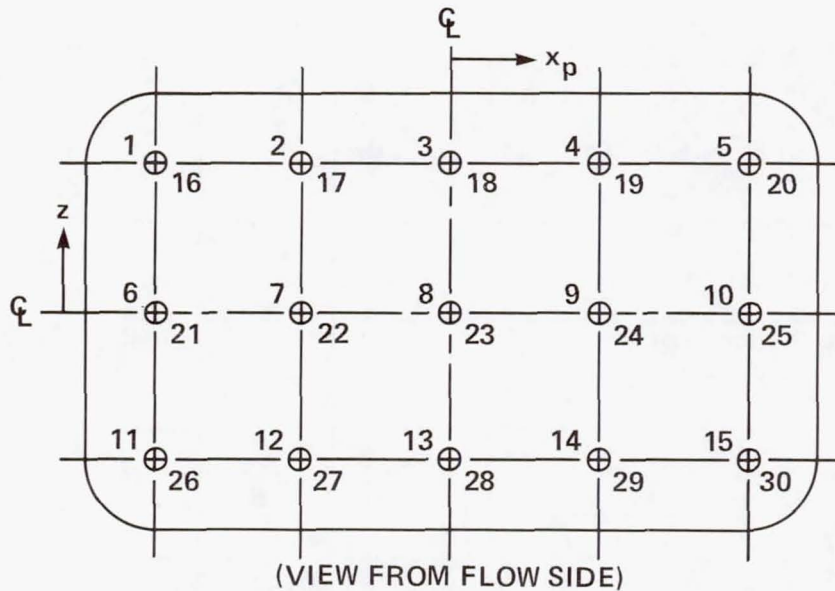
<sup>a</sup>TOP AND BOTTOM PLATES ARE MIRROR IMAGES

<sup>b</sup>TAP NO. – USE "T" PREFIX FOR TOP PLATES  
– USE "B" PREFIX FOR BOTTOM PLATES

- NOTES: 1. TAP NOS. 3, 13, 26, 36, 47, AND 49 NOT USED.  
2.  $x_w$  = STREAMWISE WALL COORDINATE FROM WING LEADING EDGE AT ROOT.  
3.  $c$  = 10.16 cm (4 in.);  $b/2$  = 15.24 cm (6 in.)

TABLE III. — Concluded  
PRESSURE TAP LOCATIONS

(D) TWO CHANNEL SIDEWALL PLUGS



(1) PLUG 1 — DOWNSTREAM OF WING ROOT;  $2 y/b = 0$

$z/c$	$x_w/c$	3.59	3.34	3.09	2.84	2.59
	$x_p/c$	-0.50	-0.25	0.00	0.25	0.50
0.25		1 <sup>a</sup>	2	3	4	5
0.00		6	7	8	9	10
-0.25		11	12	13	14	15

(2) PLUG 2 — OPPOSITE WING TIP;  $2 y/b = 1.67$

$z/c$	$x_w/c$	-0.38	-0.13	0.12	0.37	0.62
	$x_p/c$	-0.50	-0.25	0.00	0.25	0.50
0.25		16 <sup>a</sup>	17	18	19	20
0.00		21	22	23	24	25
-0.25		26	27	28	29	30

<sup>a</sup>TAP NO: USE "S" PREFIX FOR SIDEWALL PLUGS

NOTES: 1. TAPS AT  $x_p/c = \pm 0.25$  NOT USED.

2.  $x_w$  = STREAMWISE WALL COORDINATE FROM WING LEADING EDGE AT ROOT.

3.  $c = 10.16$  cm (4 in.).

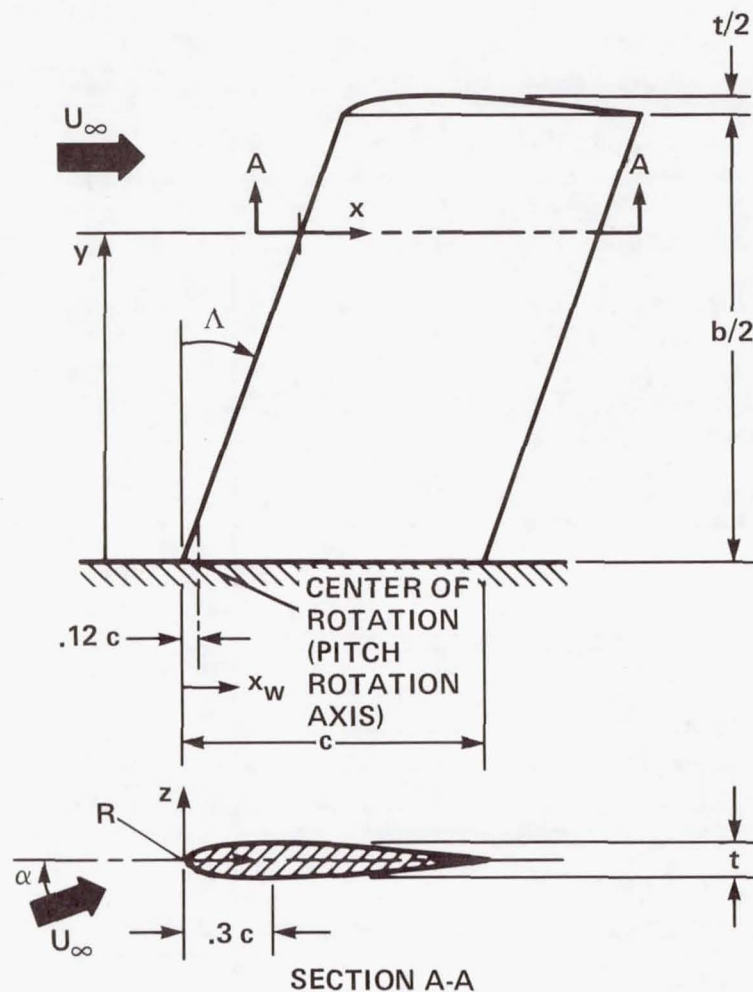
TABLE IV  
FLOW-FIELD SURVEY STATIONS

$$M_{\infty} = 0.826 \quad Re_{\infty, c} = 8 \times 10^6$$

x/c \ 2 y/b	$\alpha = 0^{\circ}$		$\alpha = 2^{\circ}$	
	0.500	0.775	0.500	0.775
0.325		X		
0.400		X		
0.450				X
0.500		X		X
0.600	X	X		X
0.610			X	
0.700	X	X		
0.800	X	X	X	X
0.900	X	X		
1.000	X	X	X	X

NOTE: X DESIGNATES SURVEY STATION





#### WING CHARACTERISTICS:

- SWEEPBACK ANGLE,  $\Lambda = 20^\circ$
- NACA 0012-63 STREAMWISE SECTION (REF. 8)

$$\pm \frac{z}{c} = \frac{t/c}{0.20} \left[ 0.29690 \sqrt{\frac{x}{c}} - 0.12600 \frac{x}{c} - 0.35160 \left( \frac{x}{c} \right)^2 + 0.28430 \left( \frac{x}{c} \right)^3 - 0.10150 \left( \frac{x}{c} \right)^4 \right]$$

$$\frac{R}{c} = \frac{1}{2} \left( 0.29690 \frac{t/c}{0.20} \right)^2 = 1.10 (t/c)^2$$

$$t/c = 0.12 \text{ (12\%)} \text{ FOR NACA 0012}$$

- ASPECT RATIO,  $A = b/c = 3$
- TAPER RATIO,  $\lambda = 1$
- CHORD,  $c = 10.16 \text{ cm (4 in.)}$
- SEMISPAN,  $b/2 = 15.24 \text{ cm (6 in.)}$
- MAXIMUM THICKNESS,  $t = 0.12 c$   
(At  $x/c = 0.3$ )  $= 1.22 \text{ cm}$   
(0.48 in.)

Figure 1.- Swept semispan wing.

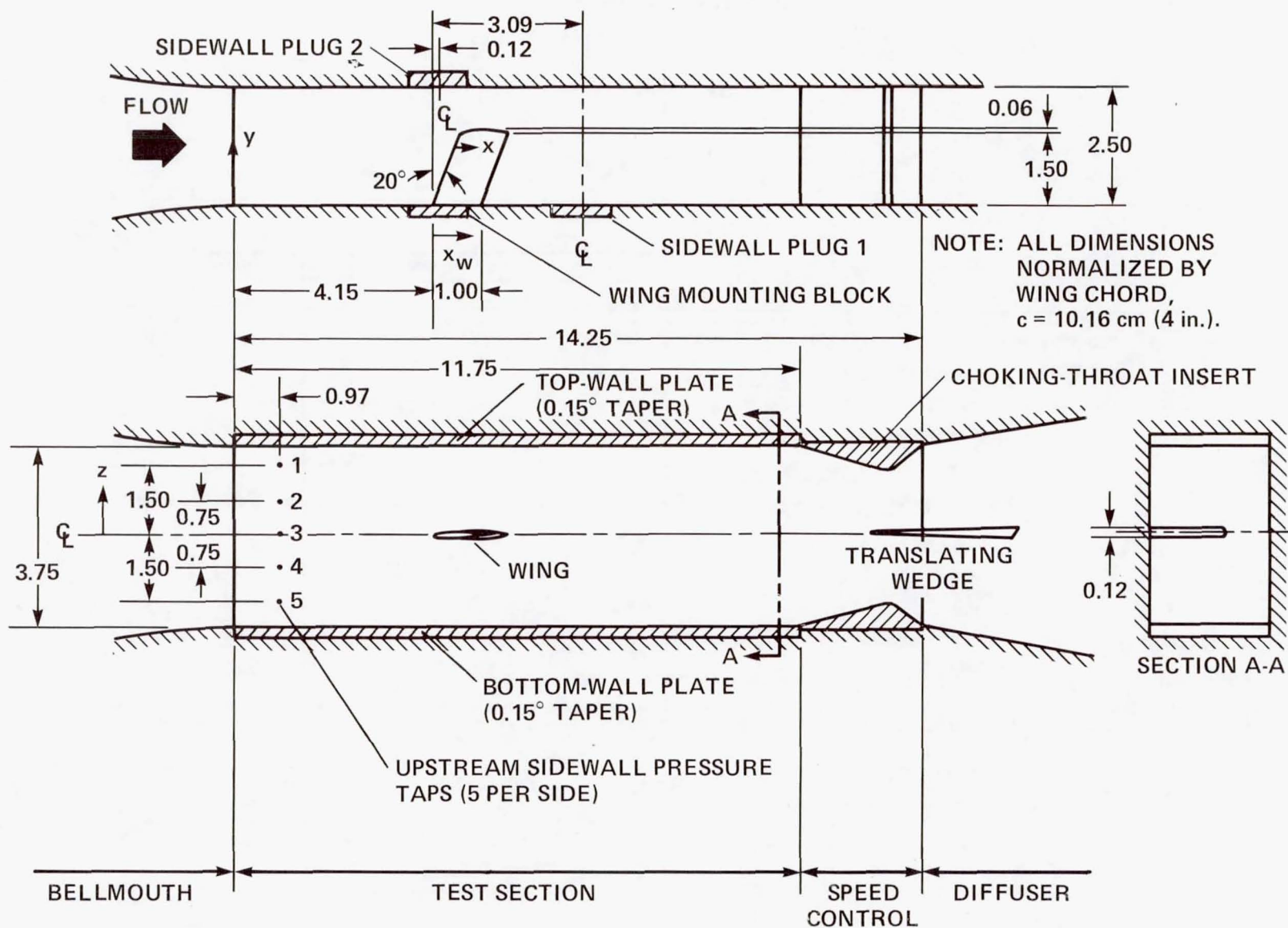


Figure 2.- Test setup in NASA Ames High Reynolds Number Channel I.

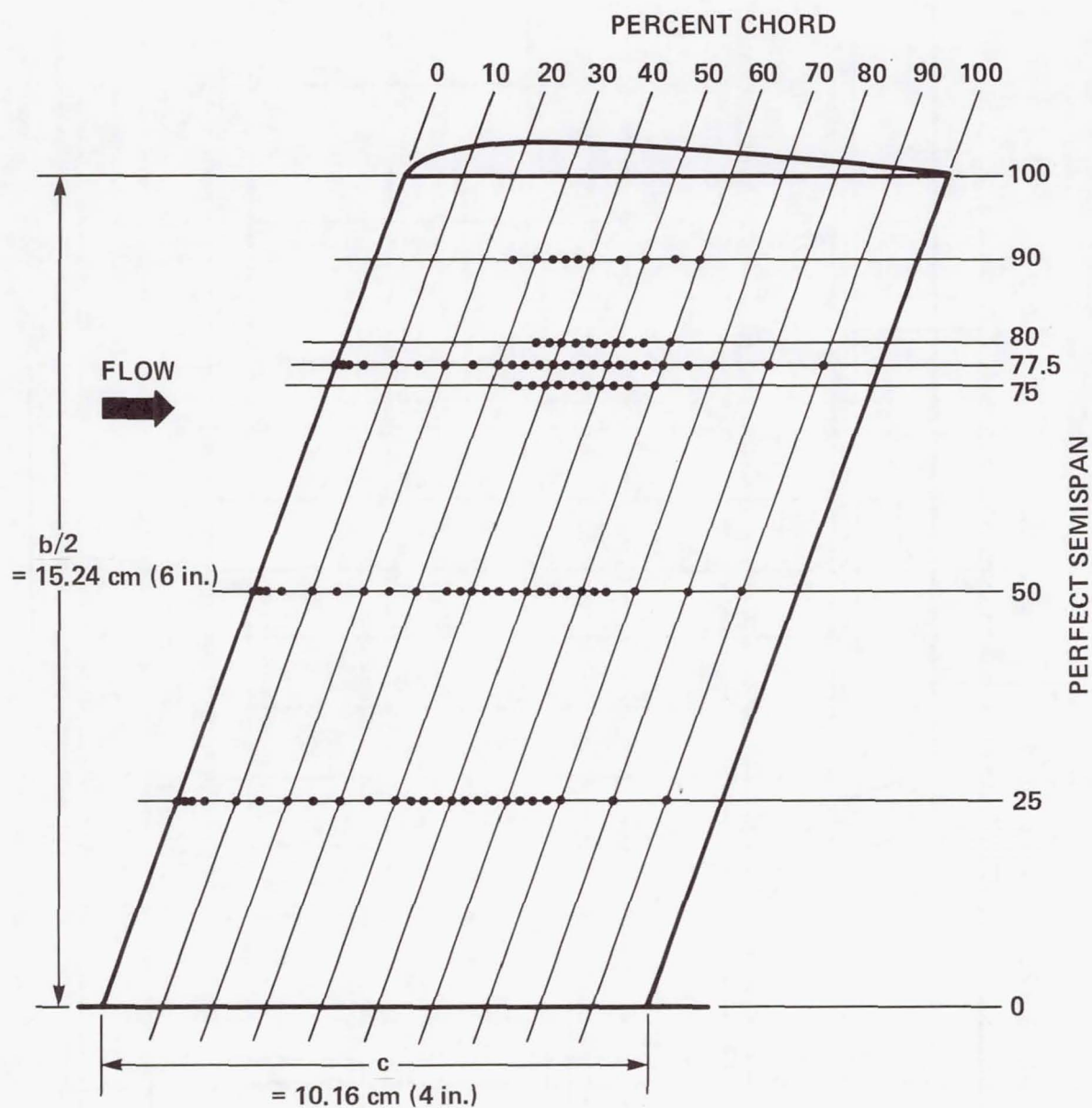
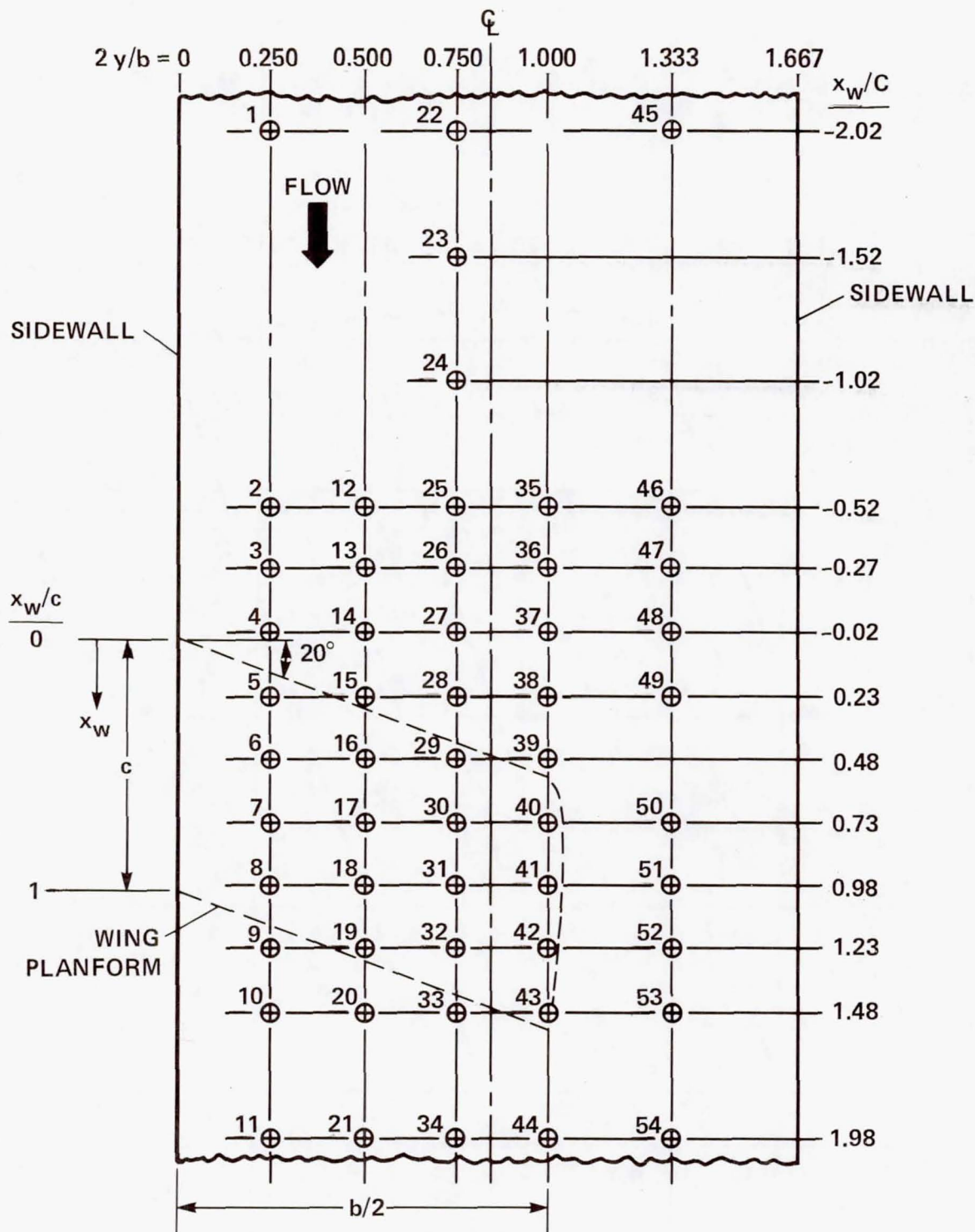


Figure 3.- Pressure tap locations for wing.



TAPS 55 AND 56 DOWNSTREAM ON WALL  $\zeta$  ( $2y/b = 0.833$ )  
 AT  $x_w/c = 3.98$  AND  $5.98$ , RESPECTIVELY;  
 $c = 10.16$  cm (4 in.);  $b/2 = 15.24$  cm (6 in.).

Figure 4.- Pressure tap locations for channel top and bottom walls.

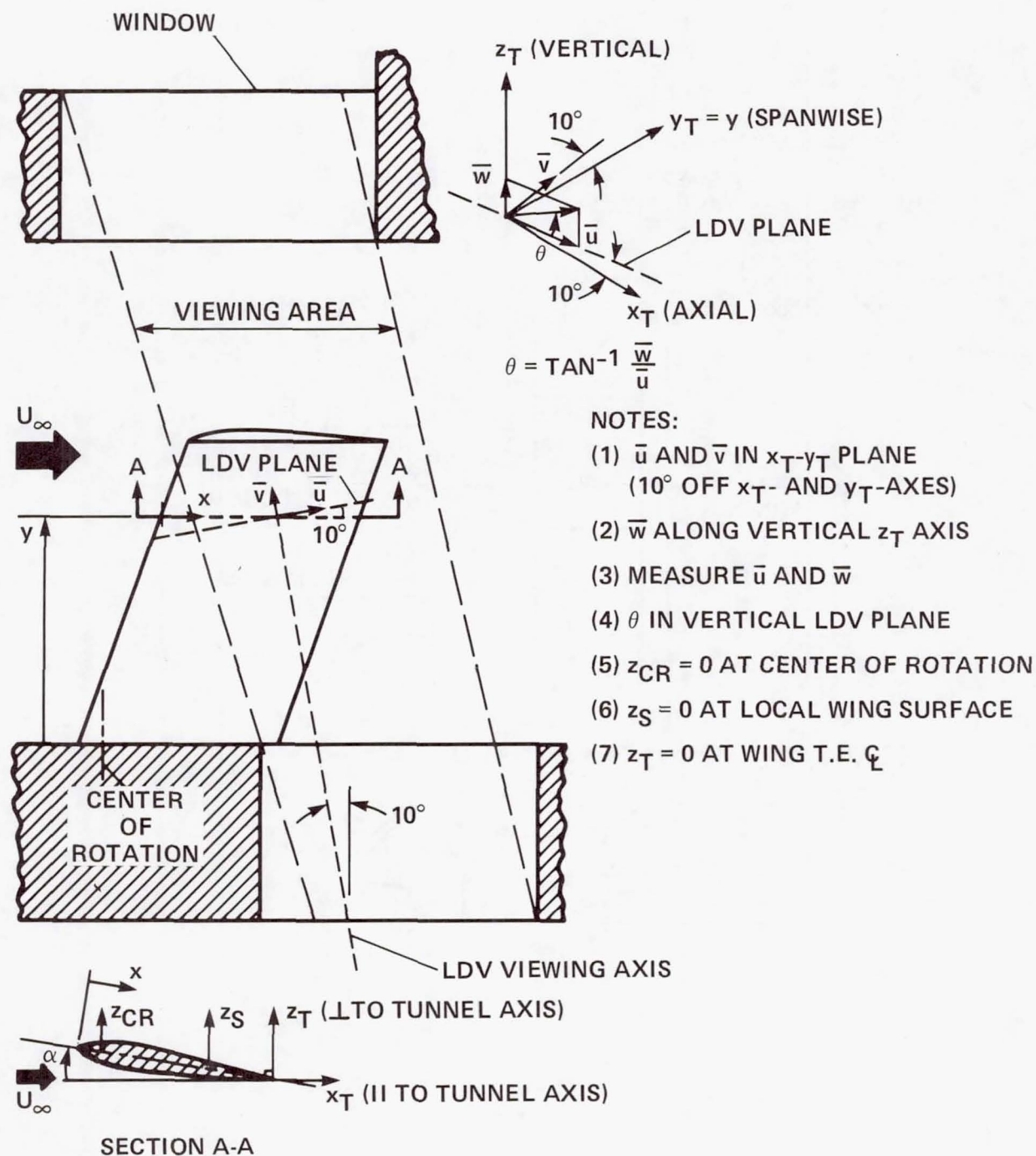


Figure 5.- Coordinate system for laser Doppler velocimeter (LDV) measurements.

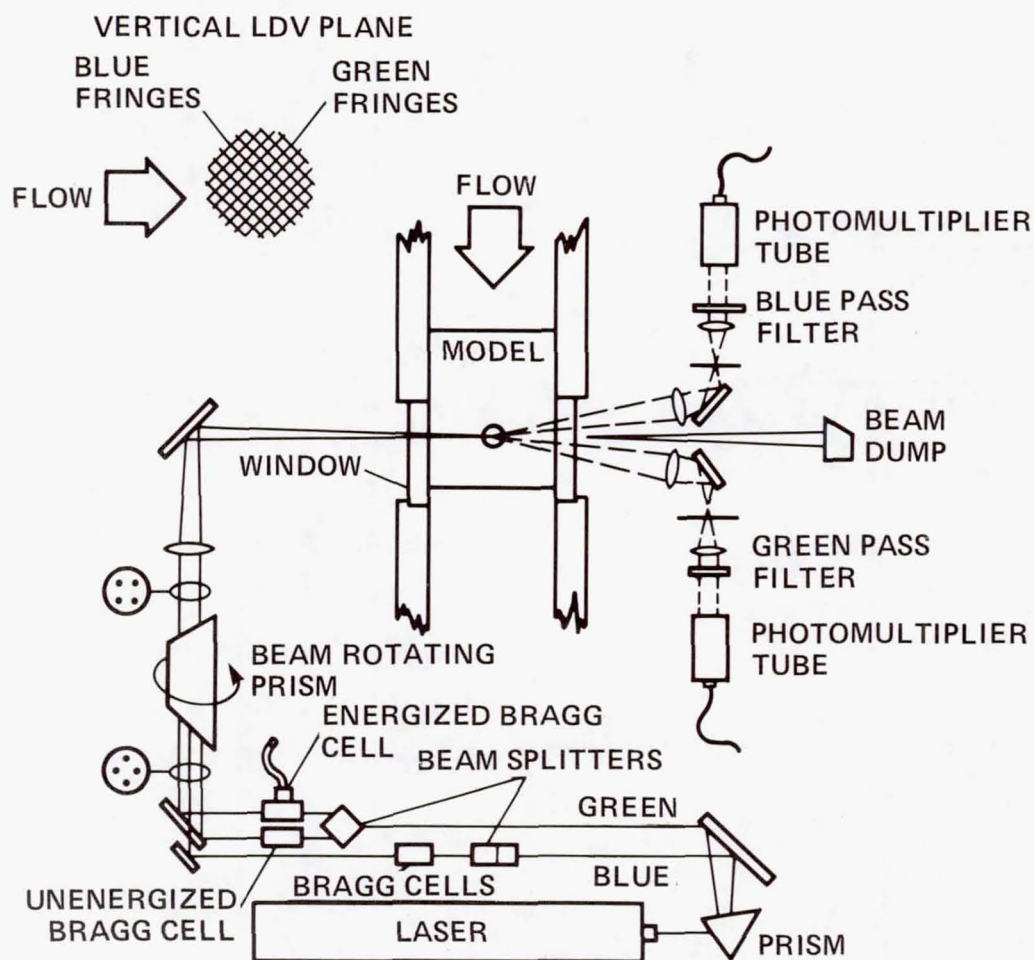


Figure 6.- Optical system for laser Doppler velocimeter (LDV).

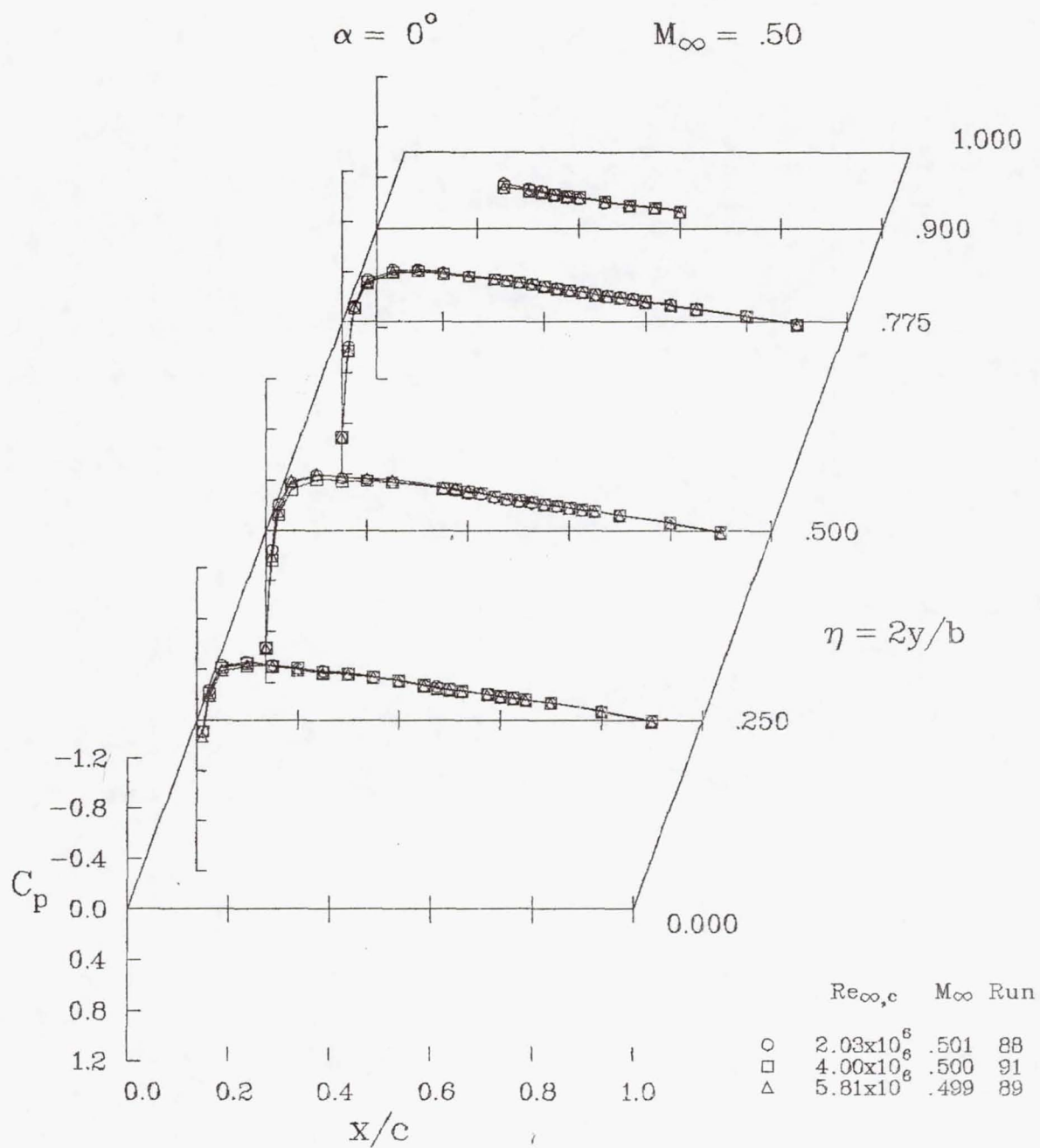
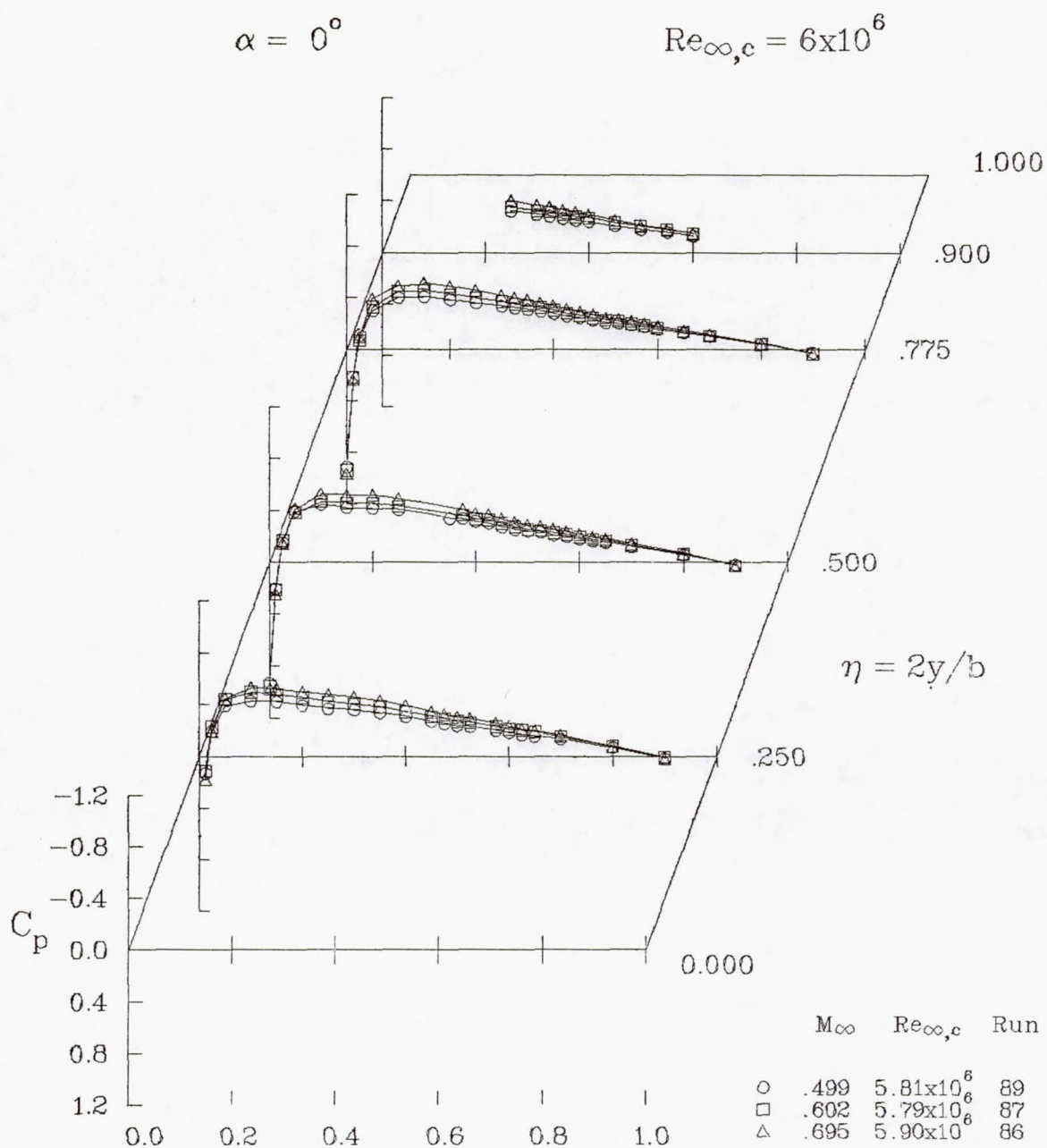
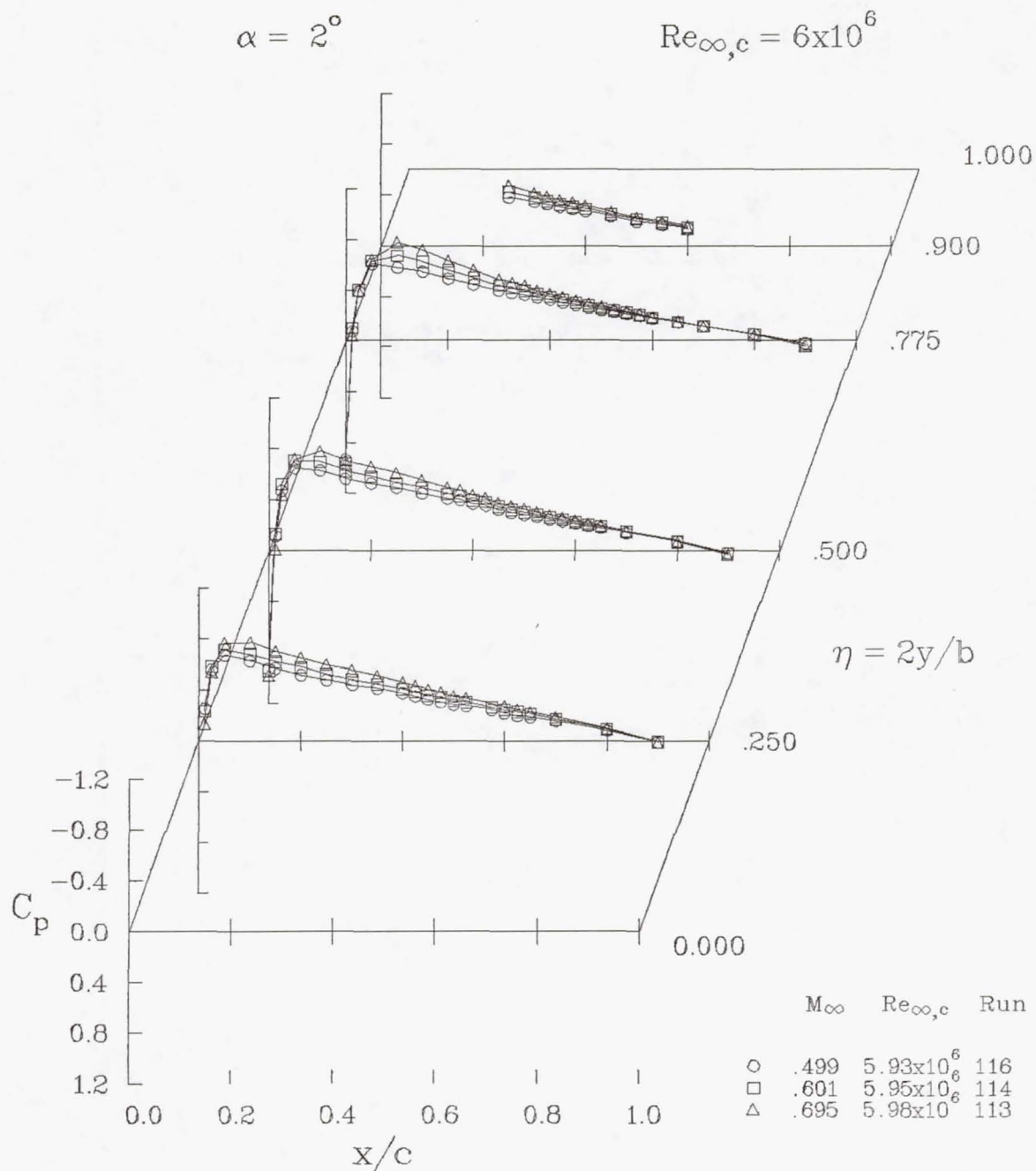


Figure 7.- Effect of free-stream Reynolds number on wing pressures;  
 $\alpha = 0^\circ$ ,  $M_\infty = 0.5$ .



(a)  $\alpha = 0^\circ$ .

Figure 8.- Effect of free-stream Mach number on wing pressures;  
 $M_\infty = 0.5$  to  $0.7$ ,  $Re_{\infty,c} = 6 \times 10^6$ .

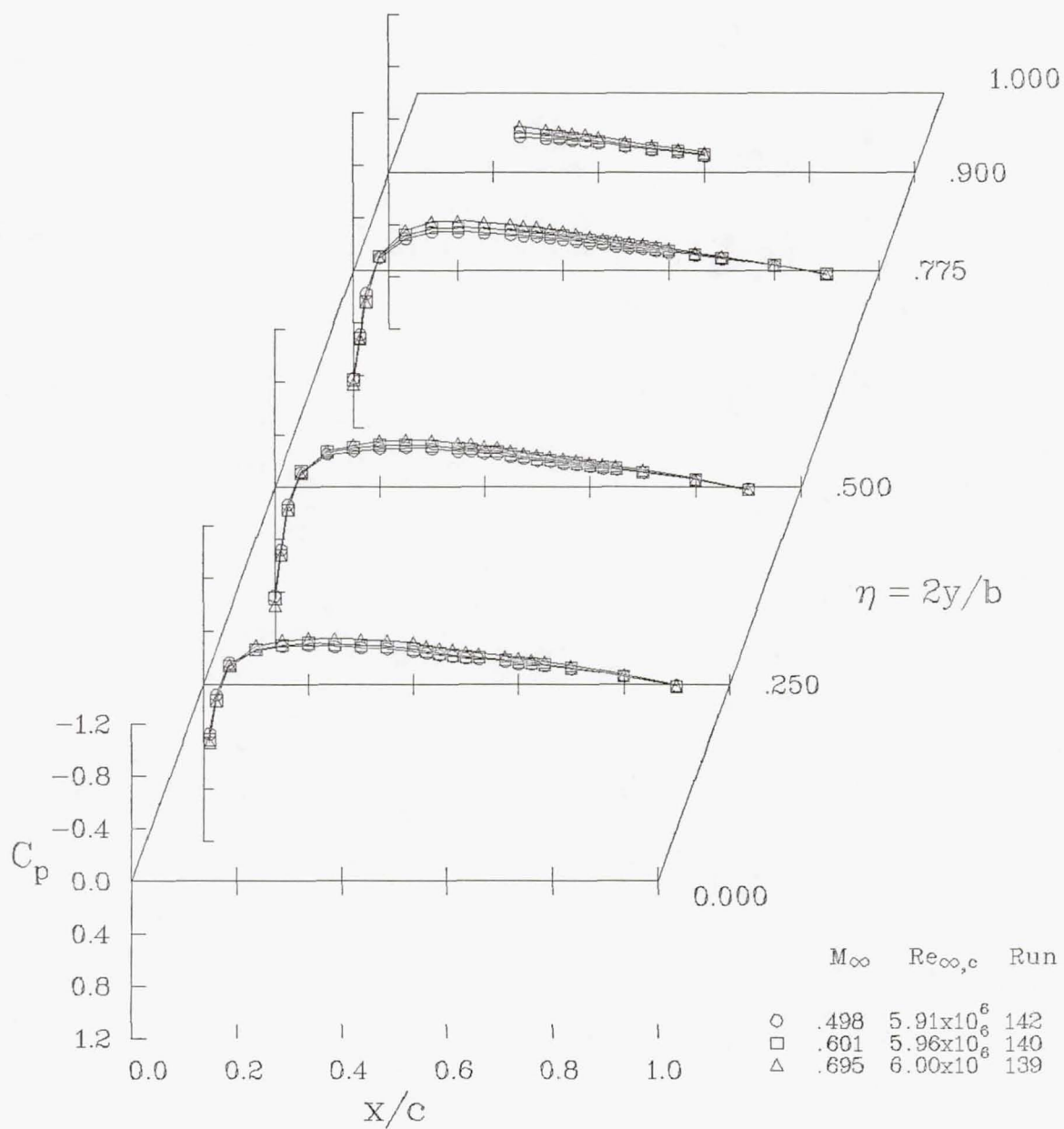


(b)  $\alpha = 2^\circ$ , leeward surface.

Figure 8.- Continued.

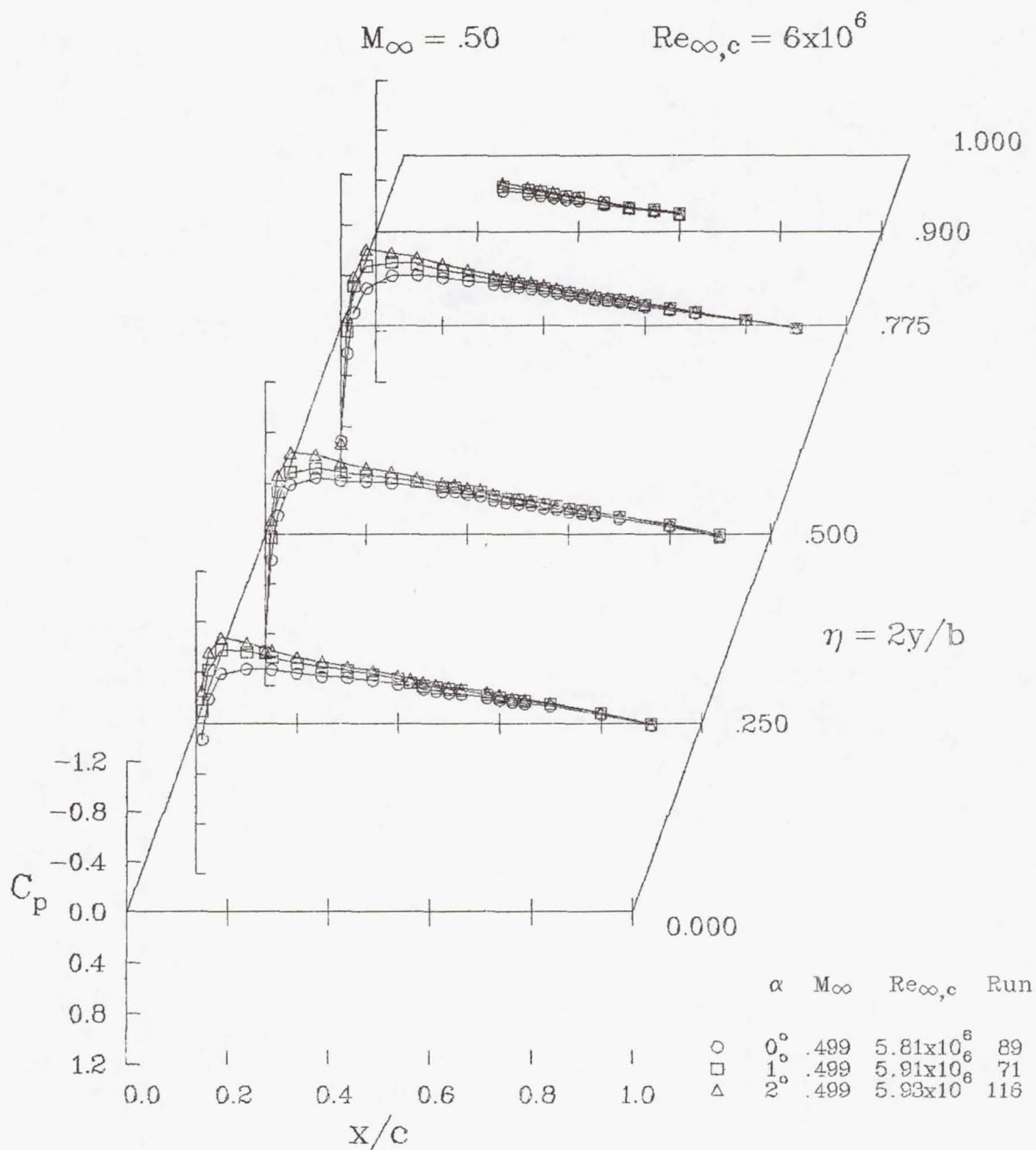
$$\alpha = -2^\circ$$

$$Re_{\infty,c} = 6 \times 10^6$$



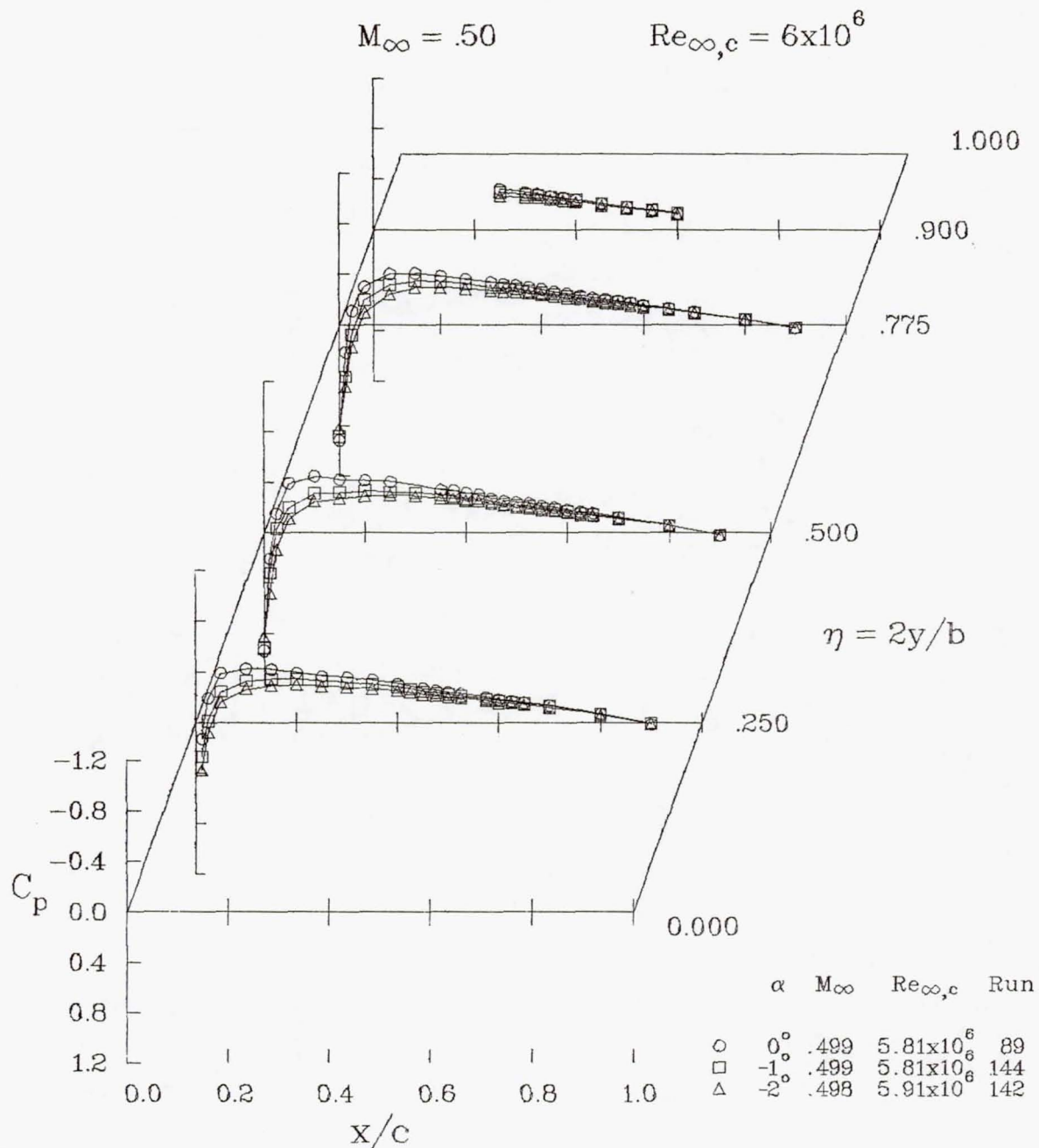
(c)  $\alpha = -2^\circ$ , windward surface.

Figure 8.- Concluded.



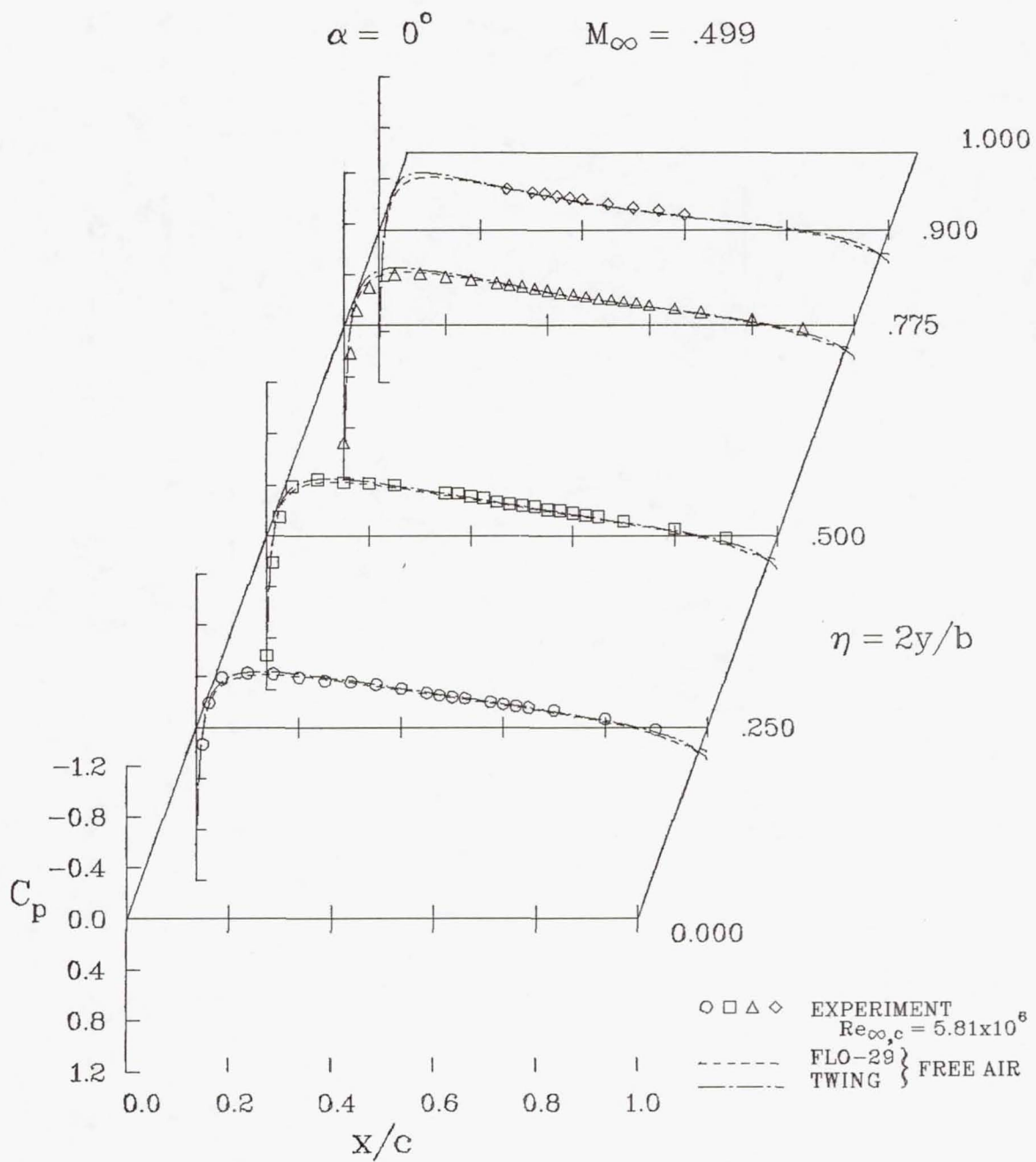
(a) Leeward surface,  $\alpha = 0^\circ$  to  $2^\circ$ .

Figure 9.- Effect of angle of attack on wing pressures;  
 $M_\infty = 0.5$ ,  $Re_{\infty, c} = 6 \times 10^6$ .



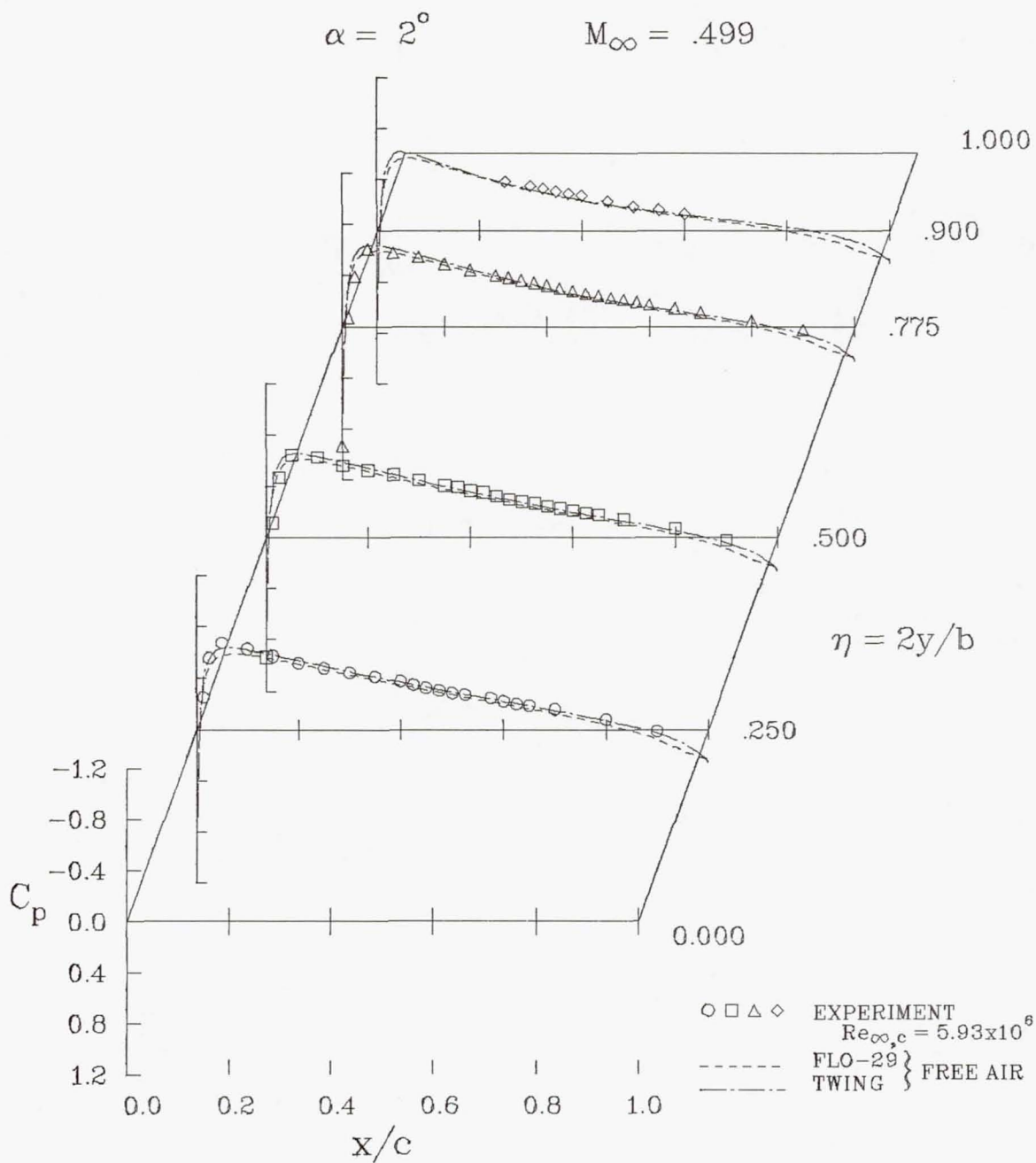
(b) Windward surface,  $\alpha = 0^\circ$  to  $-2^\circ$ .

Figure 9.- Concluded.



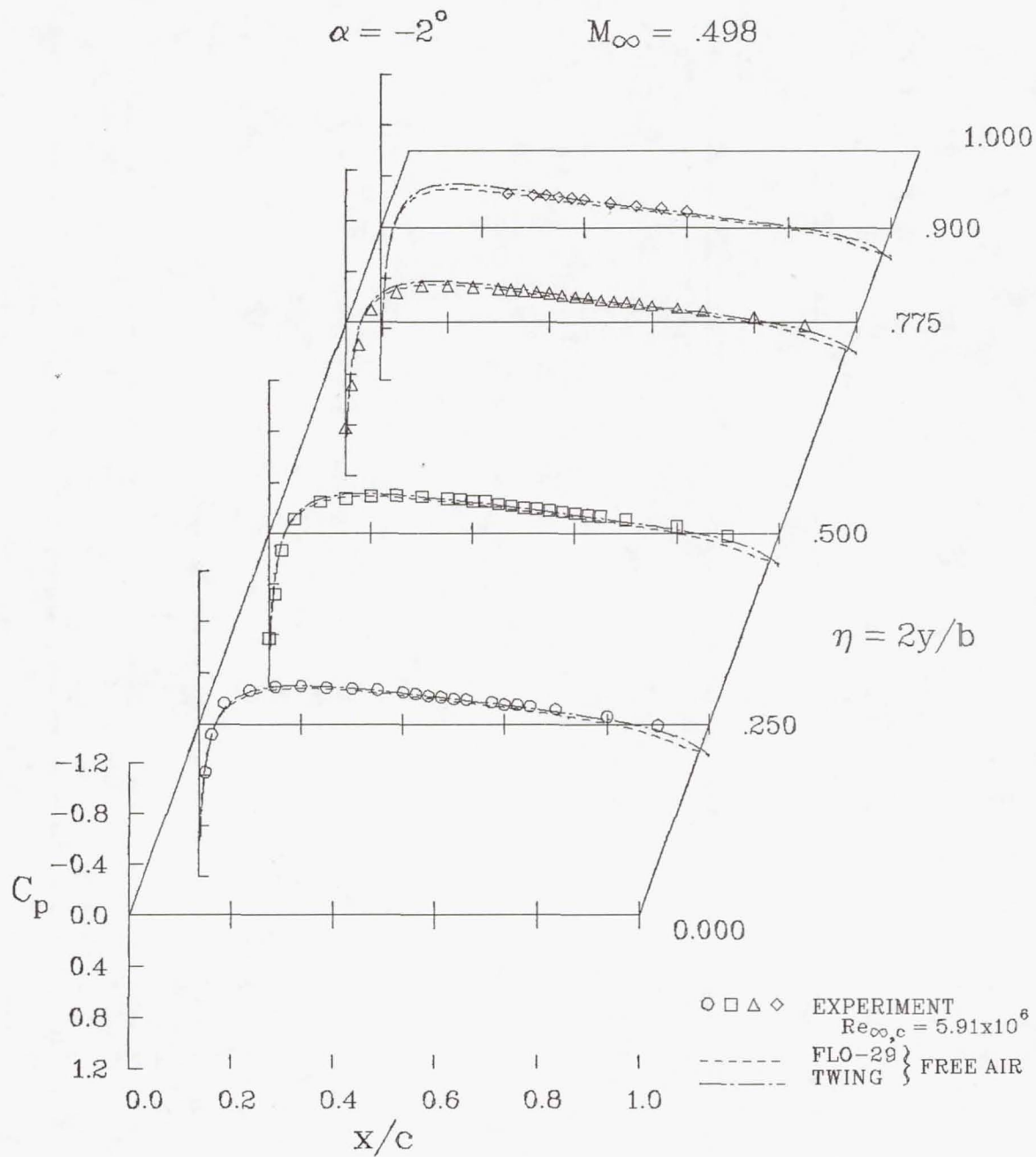
(a)  $\alpha = 0^\circ$ .

Figure 10.- Comparisons of wing pressures from experiment and inviscid codes;  
 $M_\infty = 0.5$ .



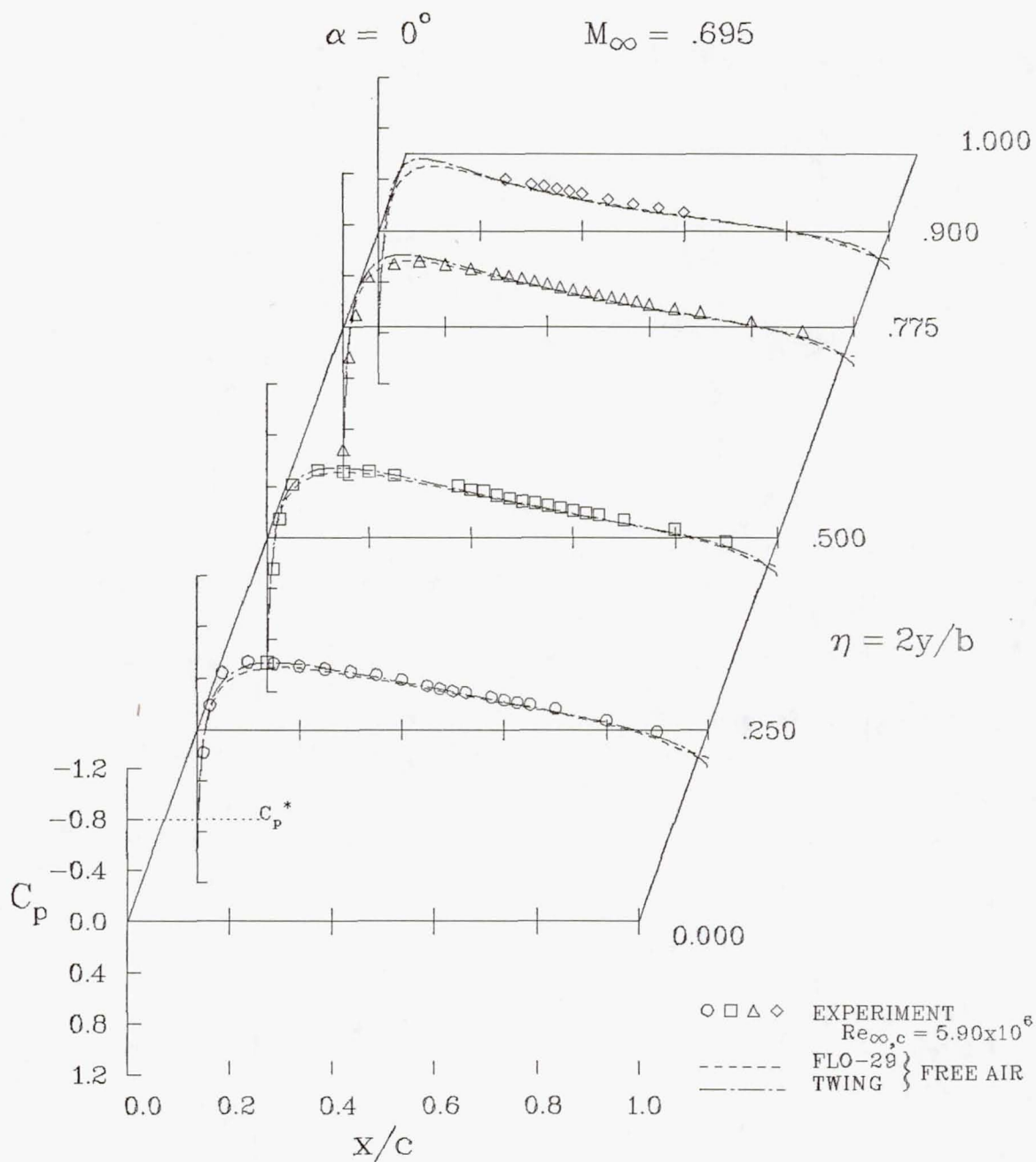
(b)  $\alpha = 2^\circ$ , leeward surface.

Figure 10.- Continued.



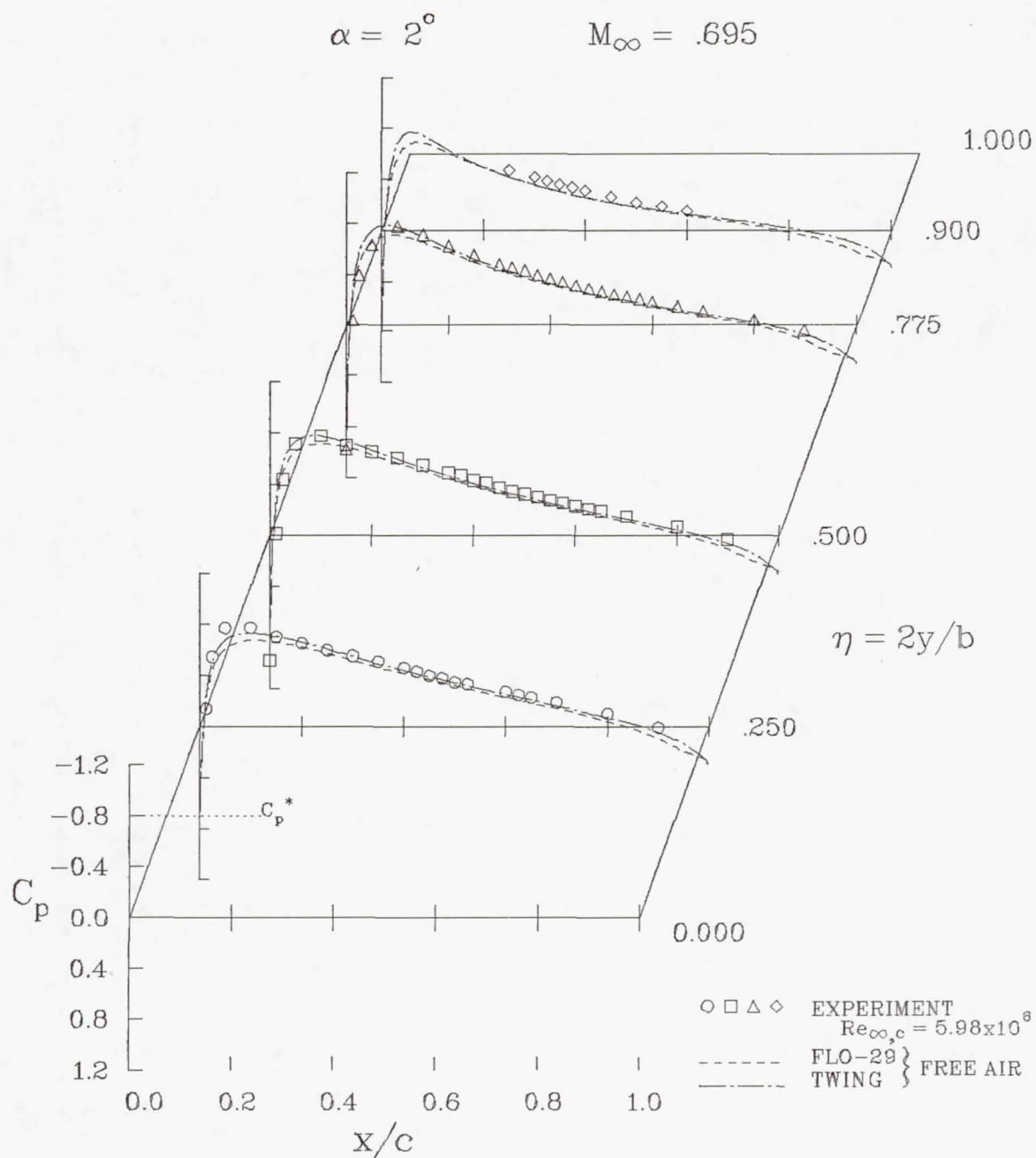
(c)  $\alpha = -2^\circ$ , windward surface.

Figure 10.- Concluded.



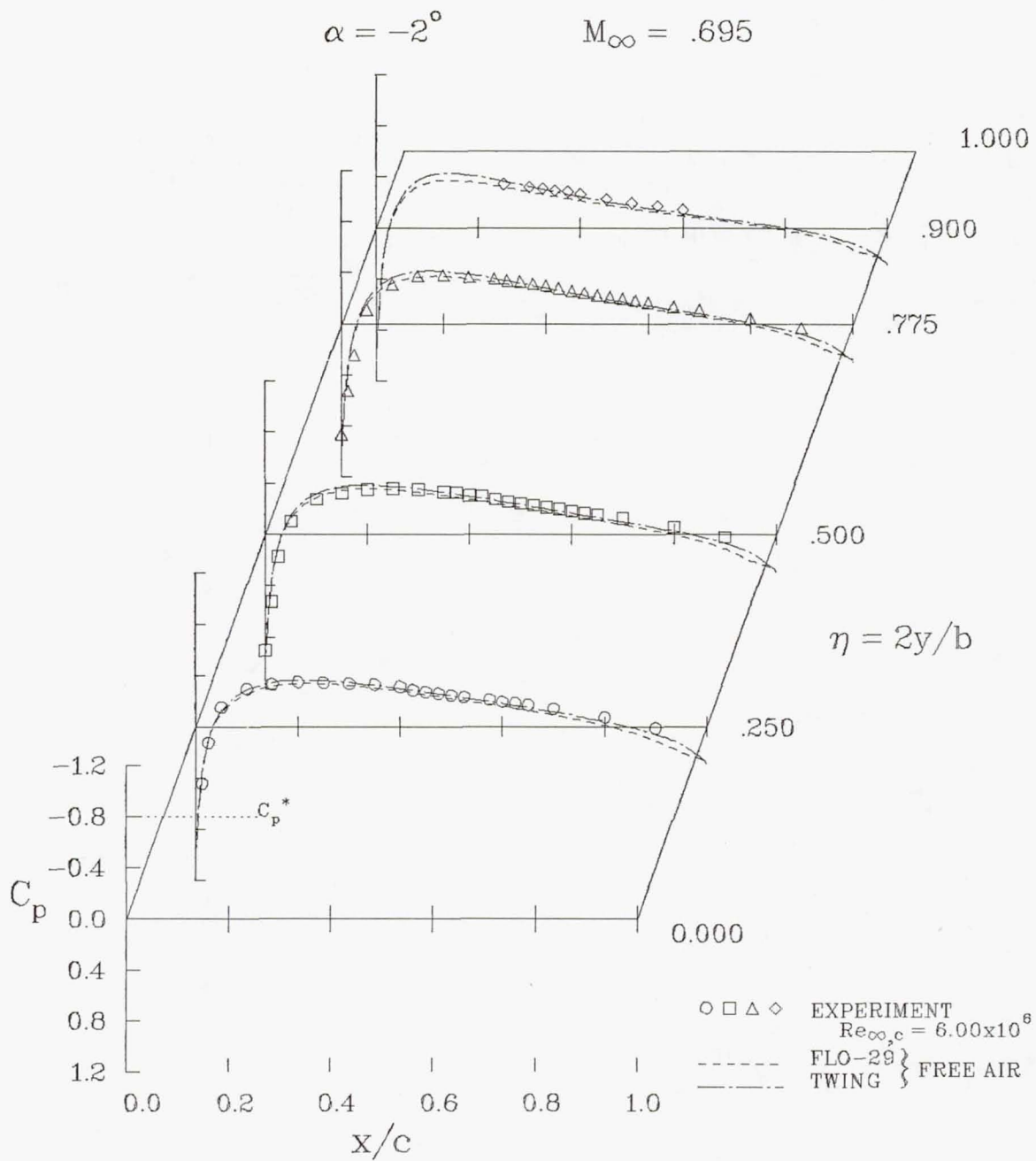
(a)  $\alpha = 0^\circ$ .

Figure 11.- Comparisons of wing pressures from experiment and inviscid codes;  
 $M_\infty = 0.7$ .



(b)  $\alpha = 2^\circ$ , leeward surface.

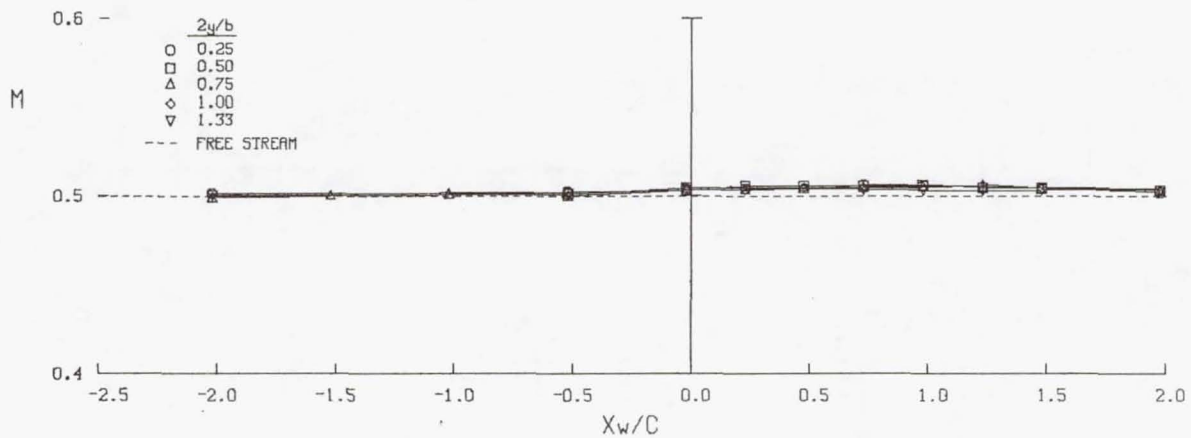
Figure 11.- Continued.



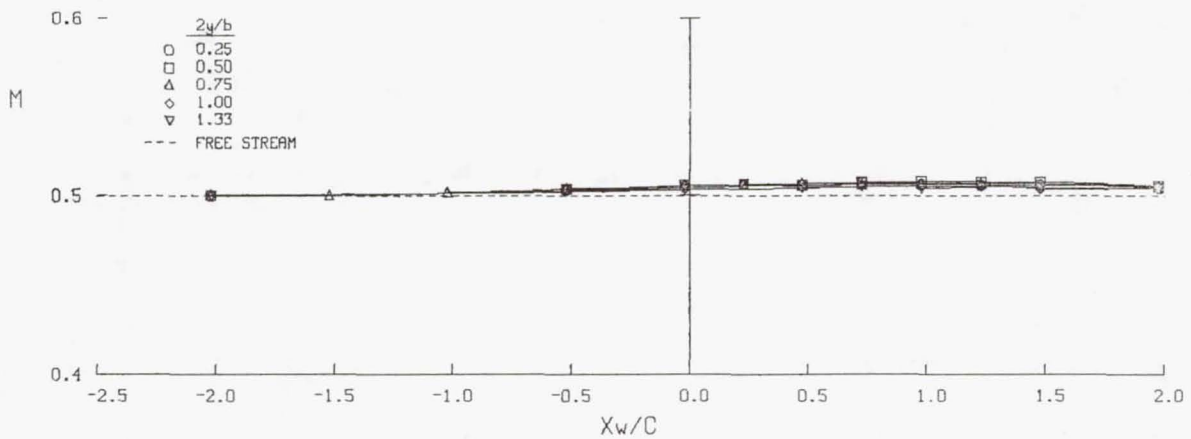
(c)  $\alpha = -2^\circ$ , windward surface.

Figure 11.- Concluded.

$\alpha = 0^\circ$       RUN 38       $M_\infty = 0.500$        $Re_{\infty,c} = 5.97 \times 10^6$



CHANNEL TOP-WALL MACH NUMBER DISTRIBUTION

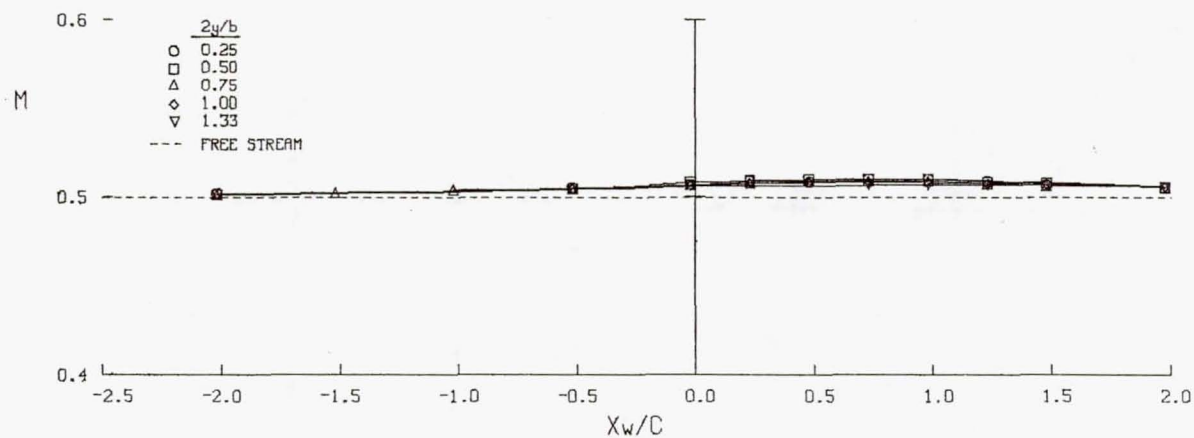


CHANNEL BOTTOM-WALL MACH NUMBER DISTRIBUTION

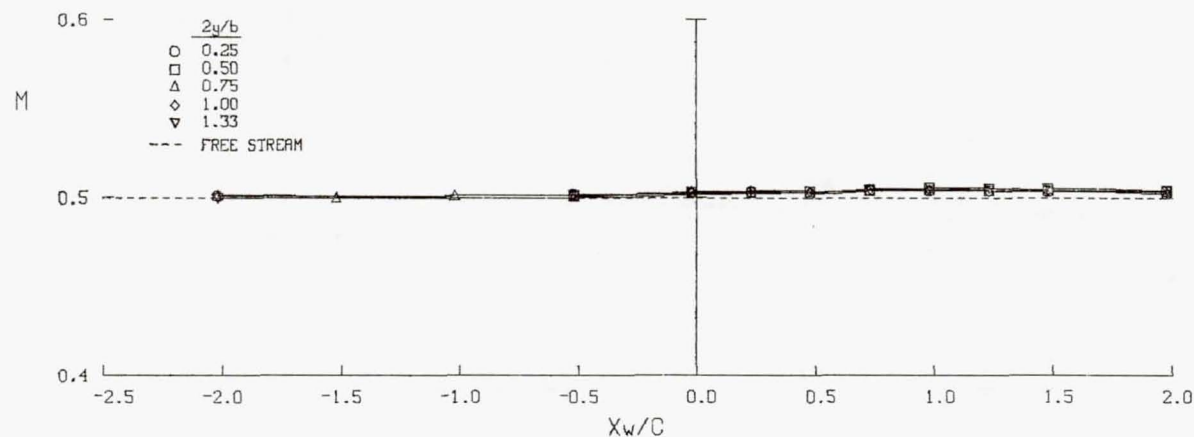
(a)  $\alpha = 0^\circ$ .

Figure 12.- Channel top- and bottom-wall Mach-number distributions;  
 $M_\infty = 0.5$ ,  $Re_{\infty,c} = 6 \times 10^6$ .

$\alpha = 2^\circ$        $M_\infty = 0.500$       RUN 51       $Re_{\infty,c} = 6.05 \times 10^6$



CHANNEL TOP-WALL MACH NUMBER DISTRIBUTION

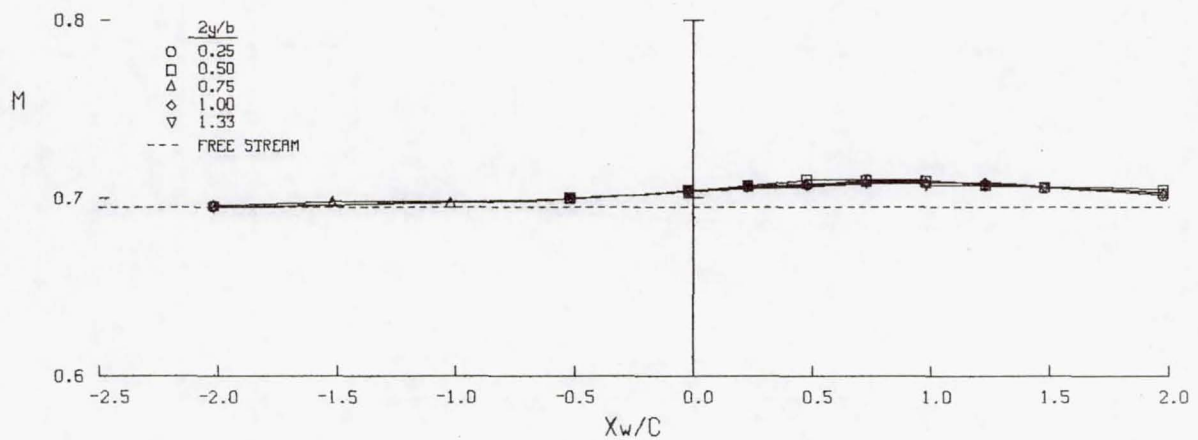


CHANNEL BOTTOM-WALL MACH NUMBER DISTRIBUTION

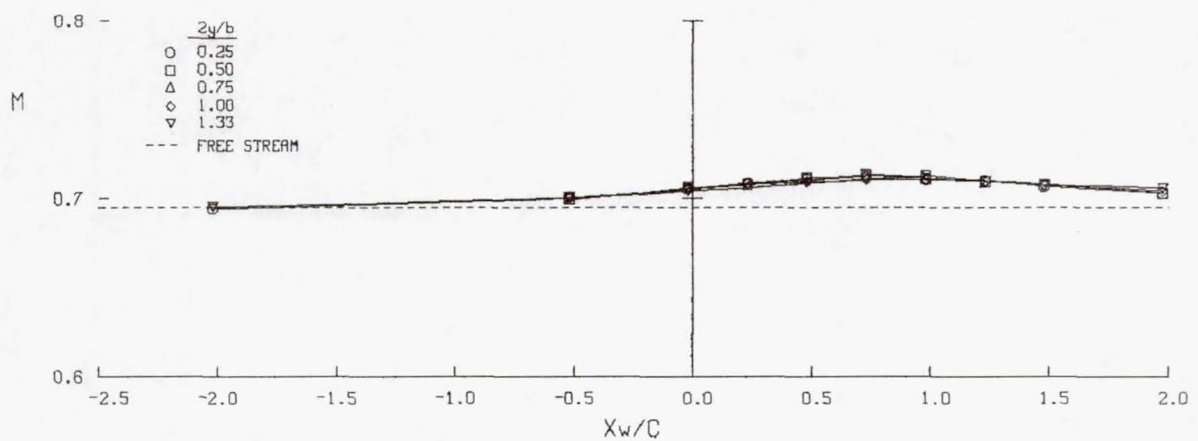
(b)  $\alpha = 2^\circ$ .

Figure 12.- Concluded.

$\alpha = 0^\circ$       RUN 48  
 $M_\infty = 0.695$        $Re_{\infty,c} = 5.99 \times 10^6$



CHANNEL TOP-WALL MACH NUMBER DISTRIBUTION

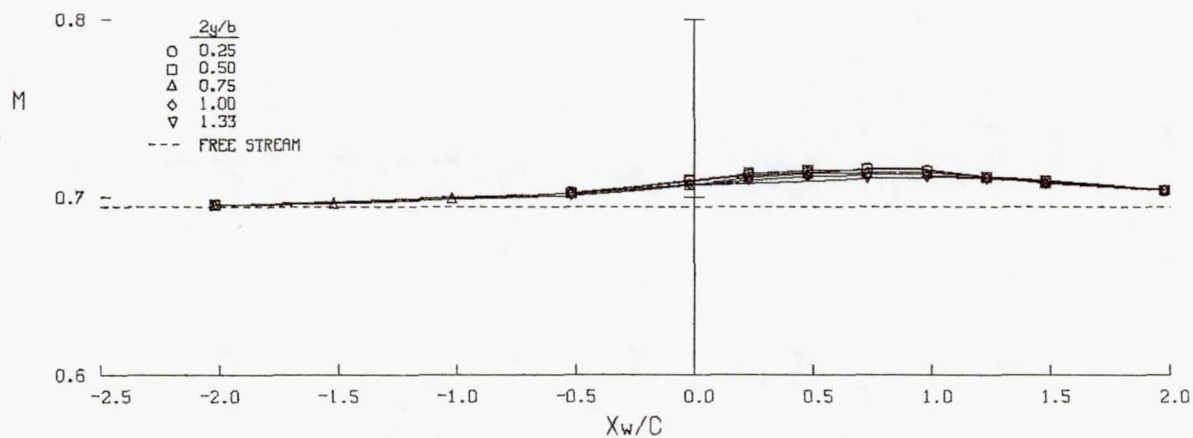


CHANNEL BOTTOM-WALL MACH NUMBER DISTRIBUTION

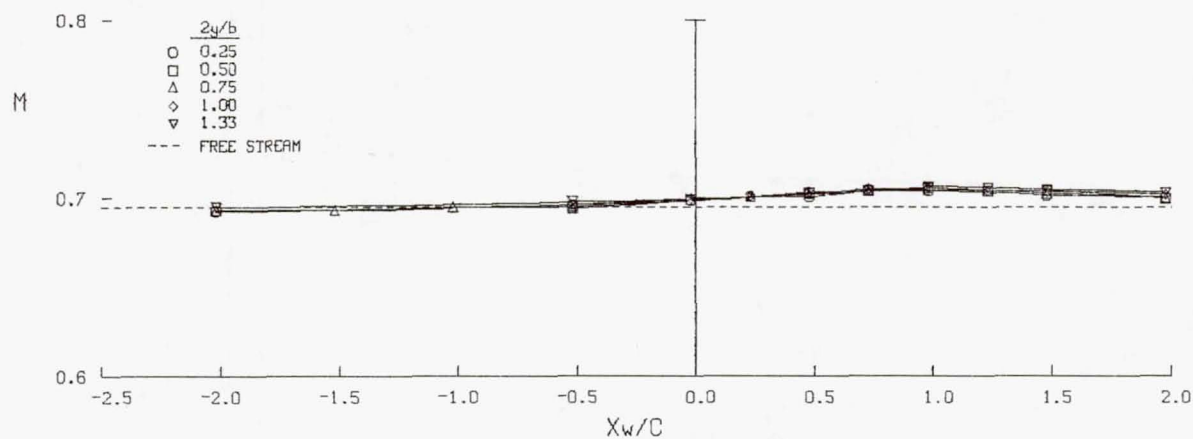
(a)  $\alpha = 0^\circ$ .

Figure 13.- Channel top- and bottom-wall Mach-number distributions;  
 $M_\infty = 0.7$ ,  $Re_{\infty,c} = 6 \times 10^6$ .

$\alpha = 2^\circ$       RUN 53  
 $M_\infty = 0.695$        $Re_{\infty,c} = 6.02 \times 10^6$



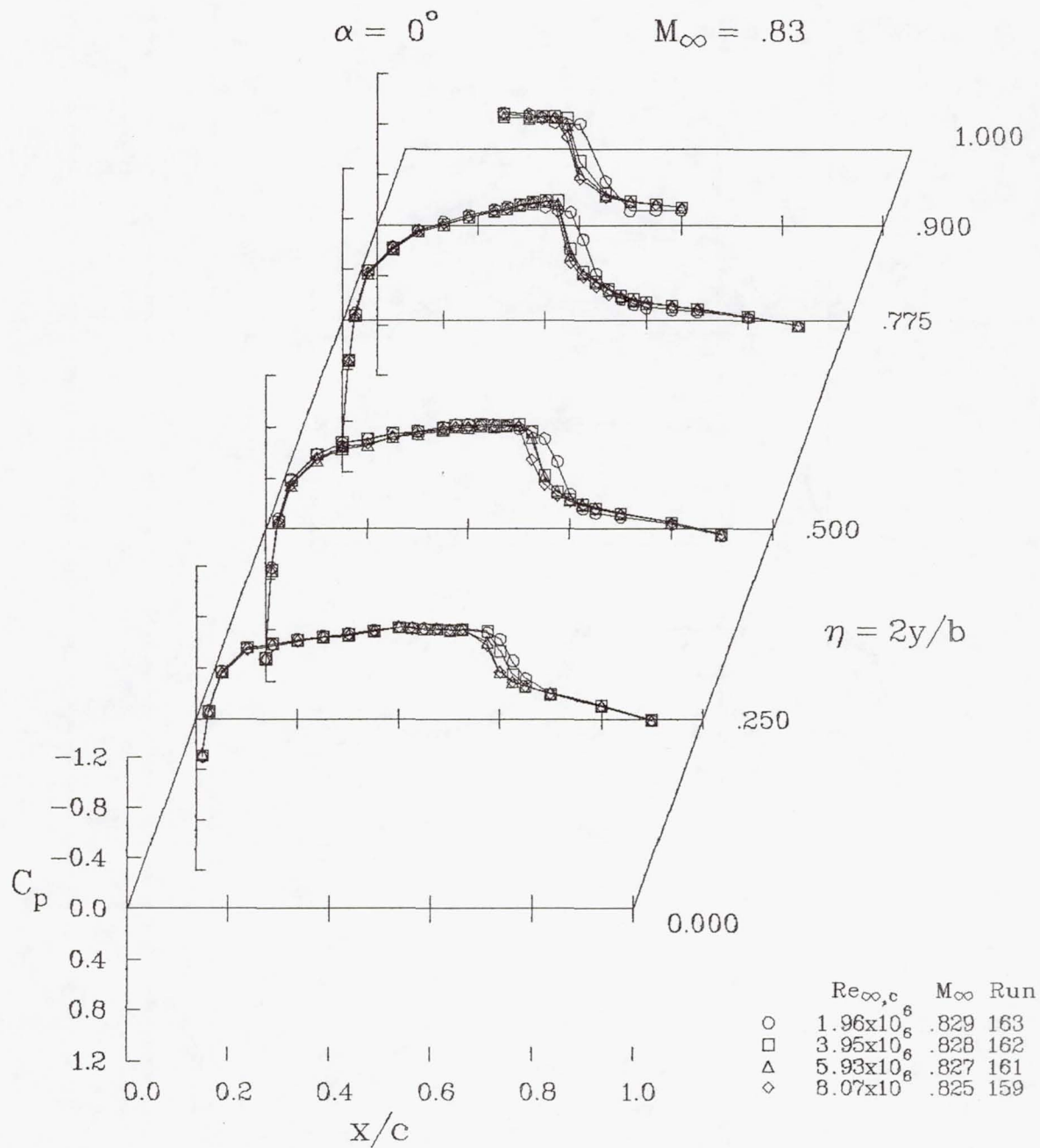
CHANNEL TOP-WALL MACH NUMBER DISTRIBUTION



CHANNEL BOTTOM-WALL MACH NUMBER DISTRIBUTION

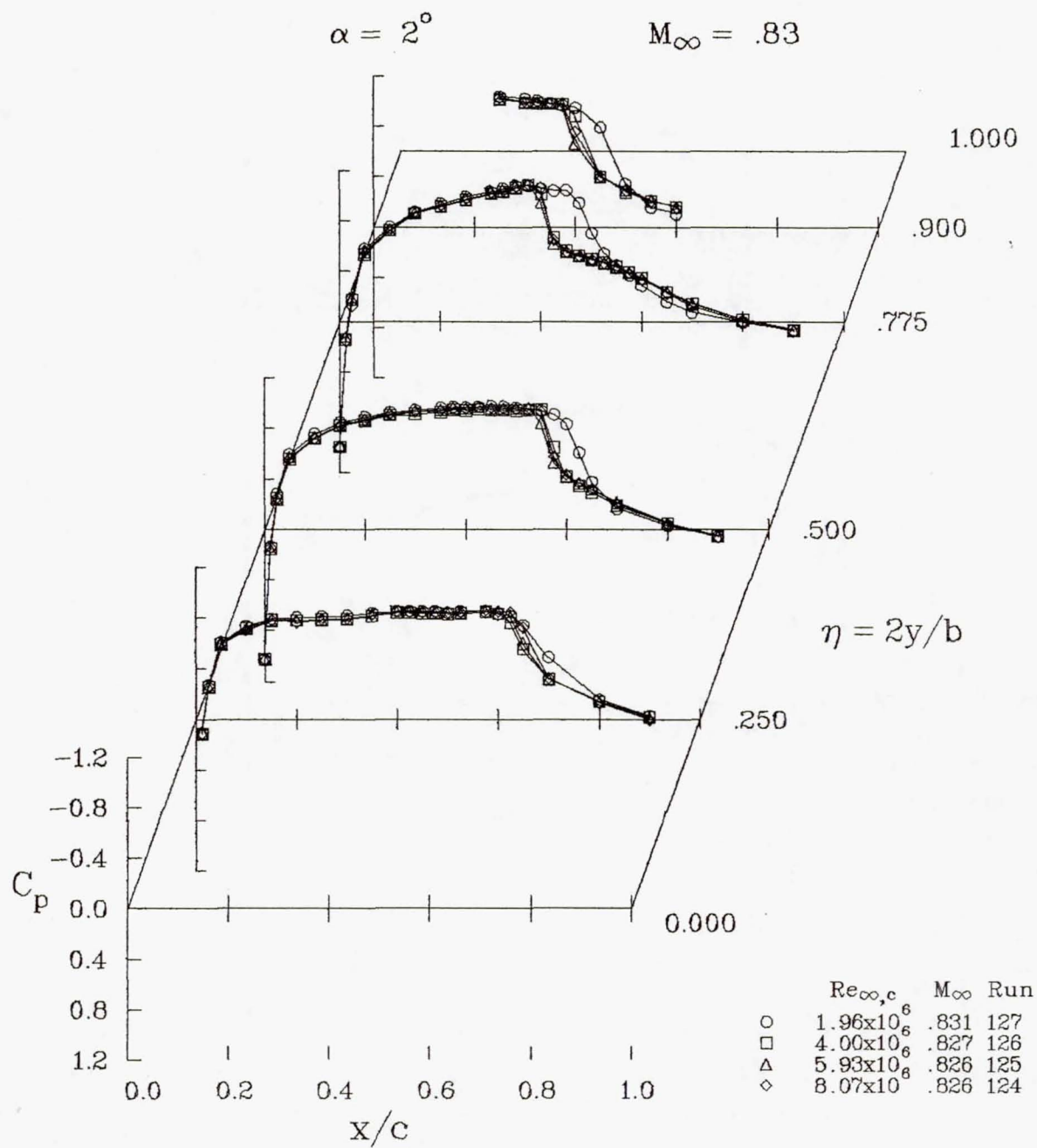
(b)  $\alpha = 2^\circ$ .

Figure 13.- Concluded.



(a)  $\alpha = 0^\circ$ .

Figure 14.- Effect of free-stream Reynolds number on wing pressures;  
 $M_\infty = 0.83$ .



(b)  $\alpha = 2^\circ$ , leeward surface.

Figure 14.- Concluded.

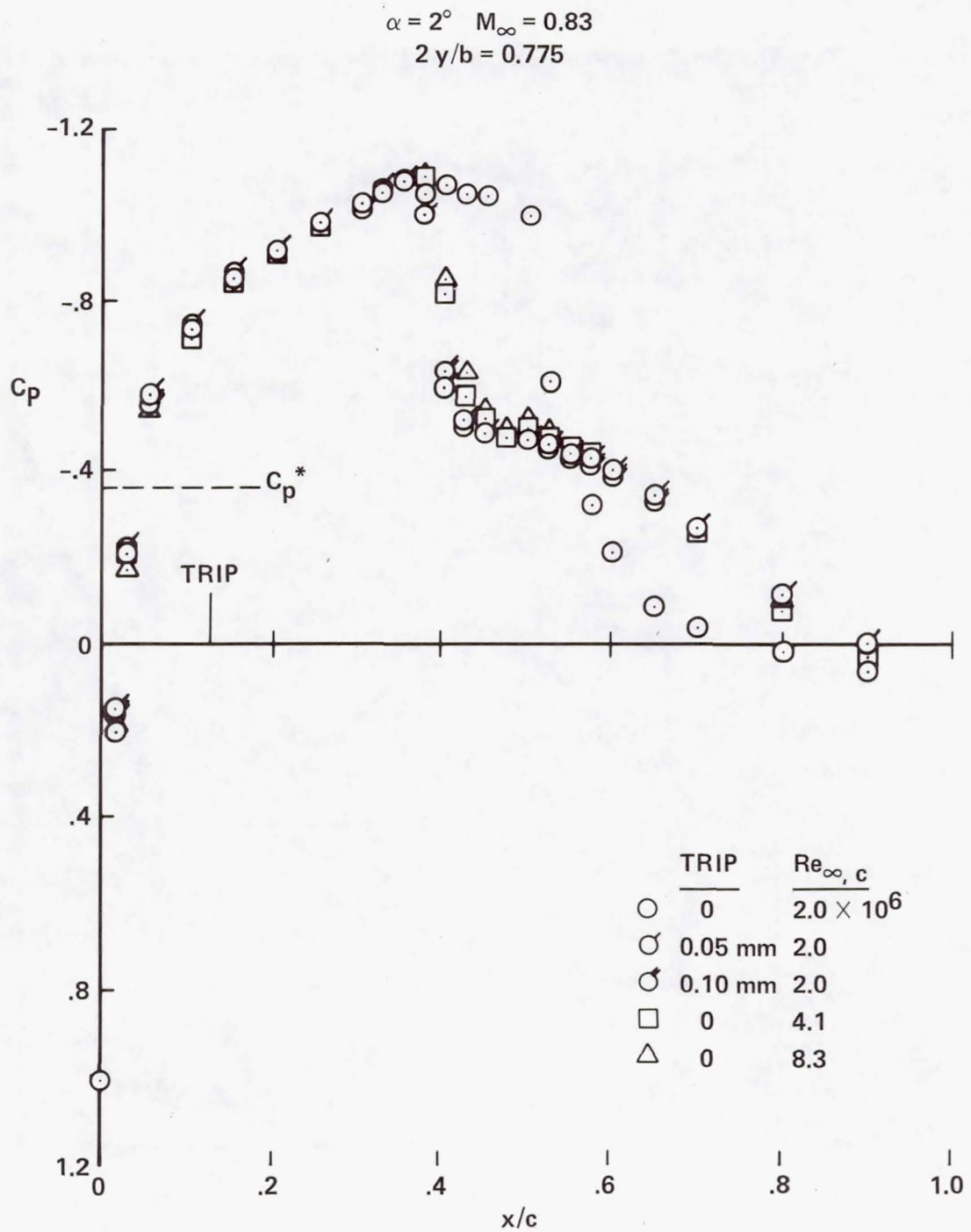
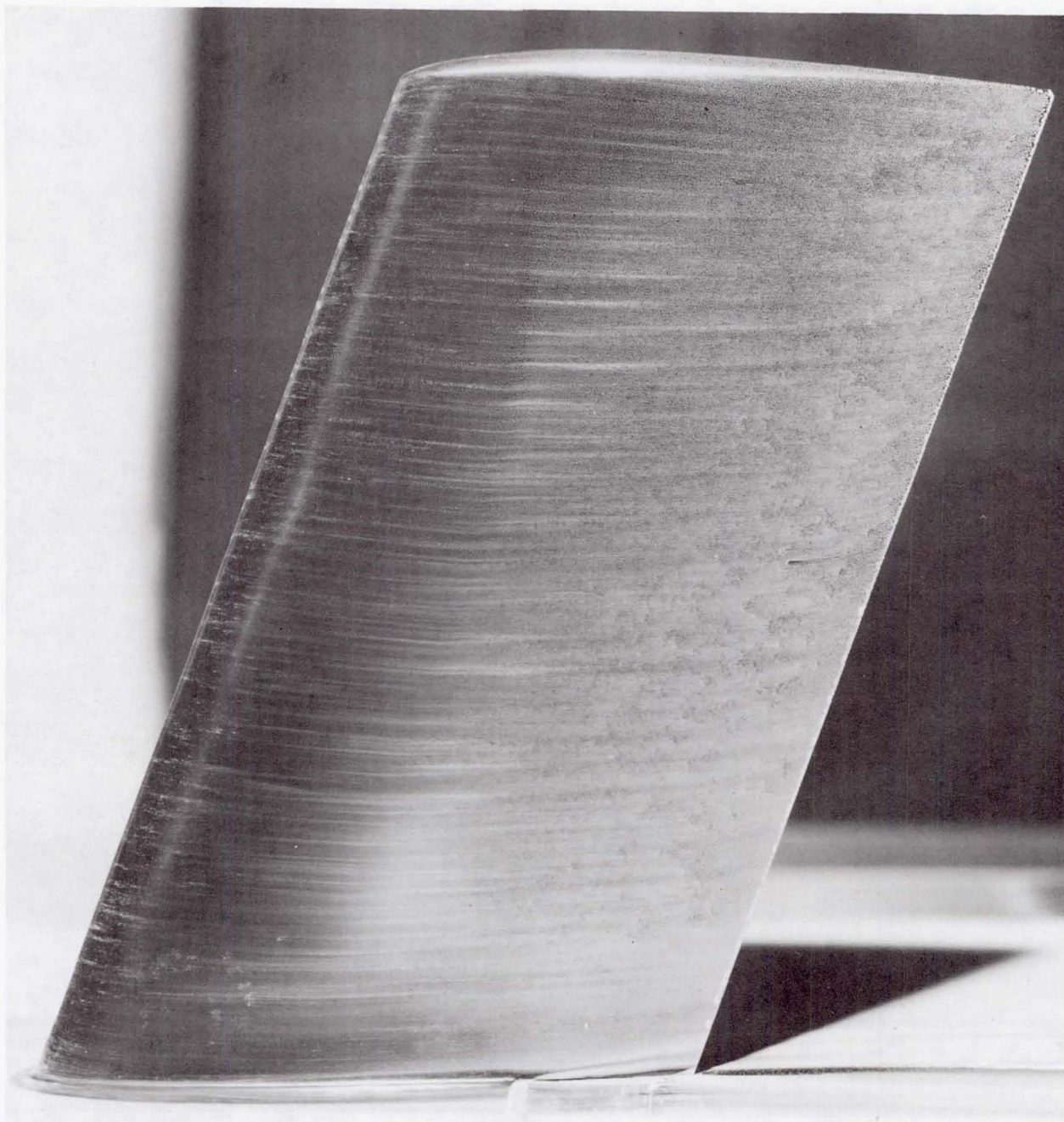
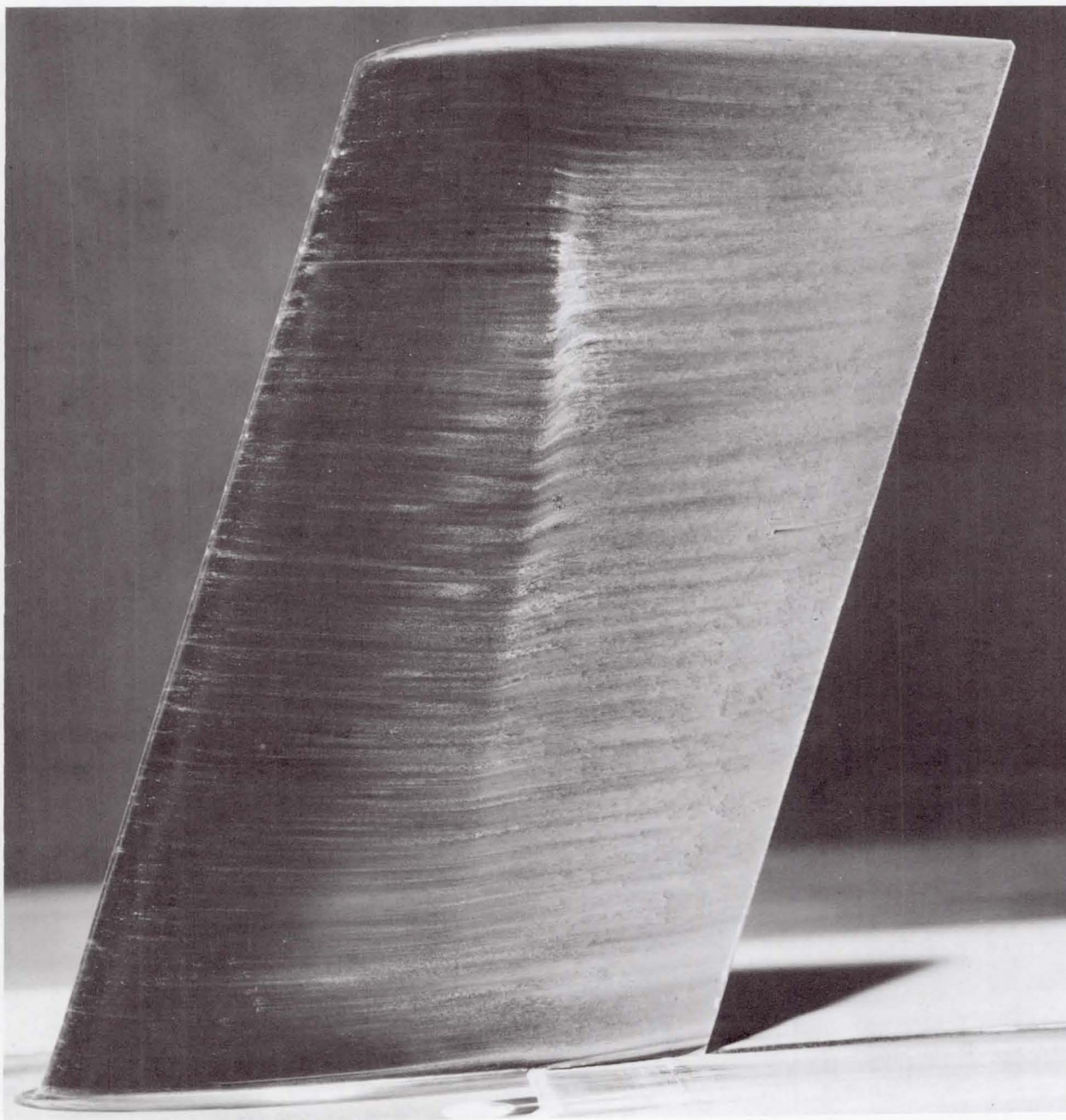


Figure 15.- Effect of boundary-layer transition trips on wing leeward pressures;  
 $\alpha = 2^\circ$ ,  $M_\infty = 0.83$ ,  $2y/b = 0.775$ .



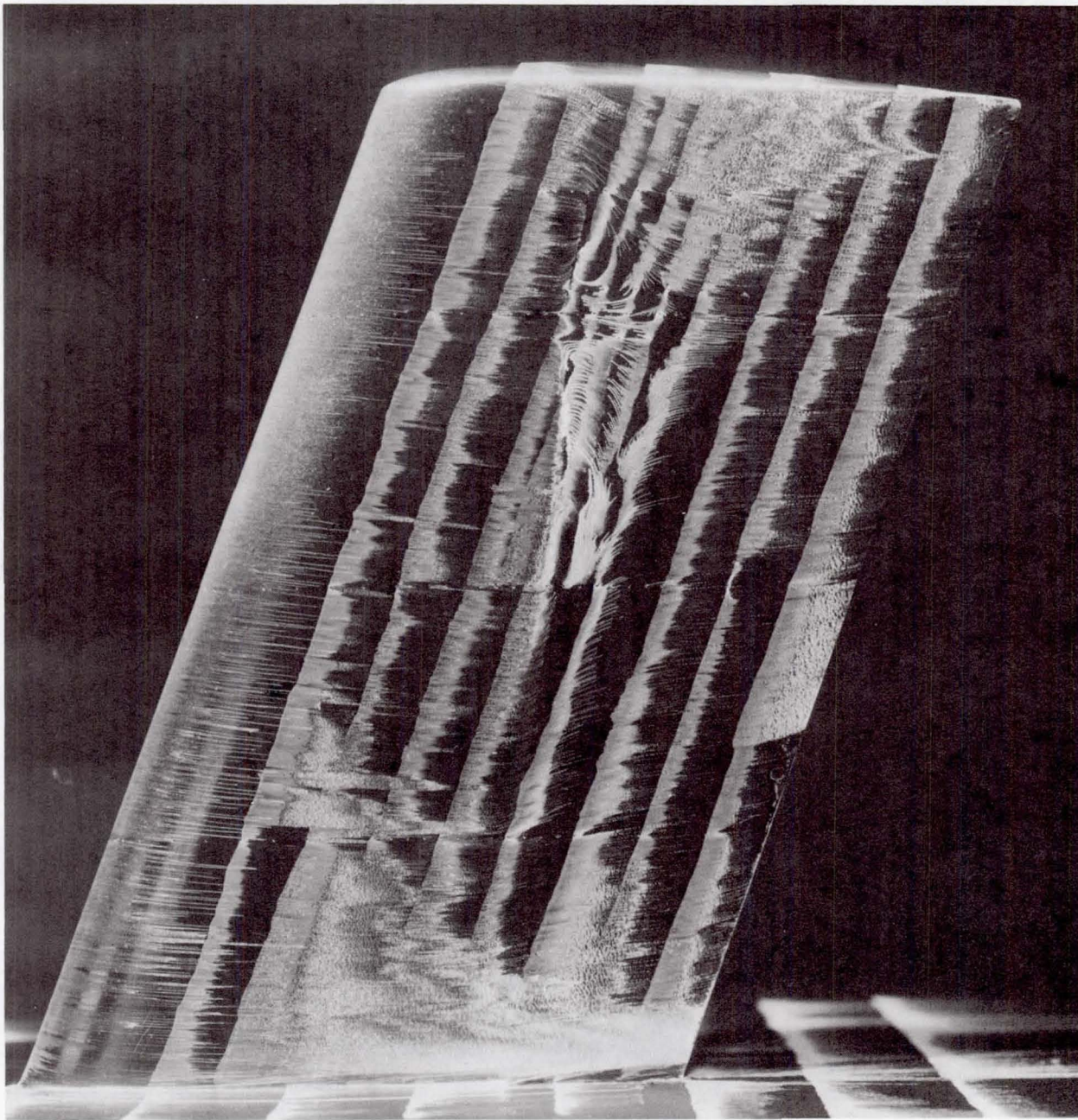
(a)  $M_\infty = 0.80$ .

Figure 16.- Oil-flow patterns on wing surface;  
 $\alpha = 0^\circ$ ,  $Re_{\infty, c} = 8 \times 10^6$ .



(b)  $M_{\infty} = 0.82$ .

Figure 16.- Concluded.



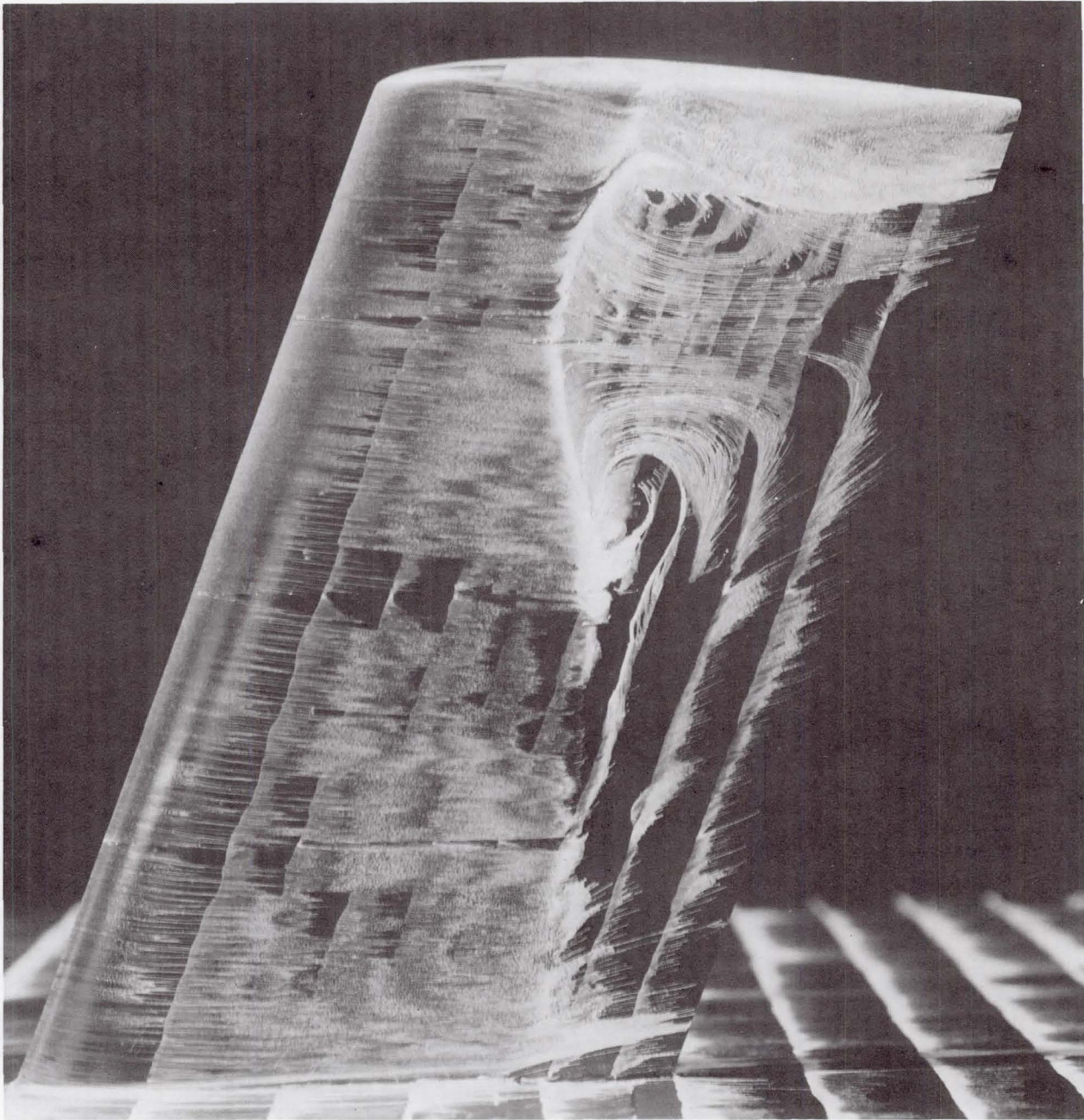
(a)  $M_\infty = 0.816$ .

Figure 17.- Oil-flow patterns on wing leeward surface;  
 $\alpha = 2^\circ$ ,  $Re_{\infty, c} = 8 \times 10^6$ .



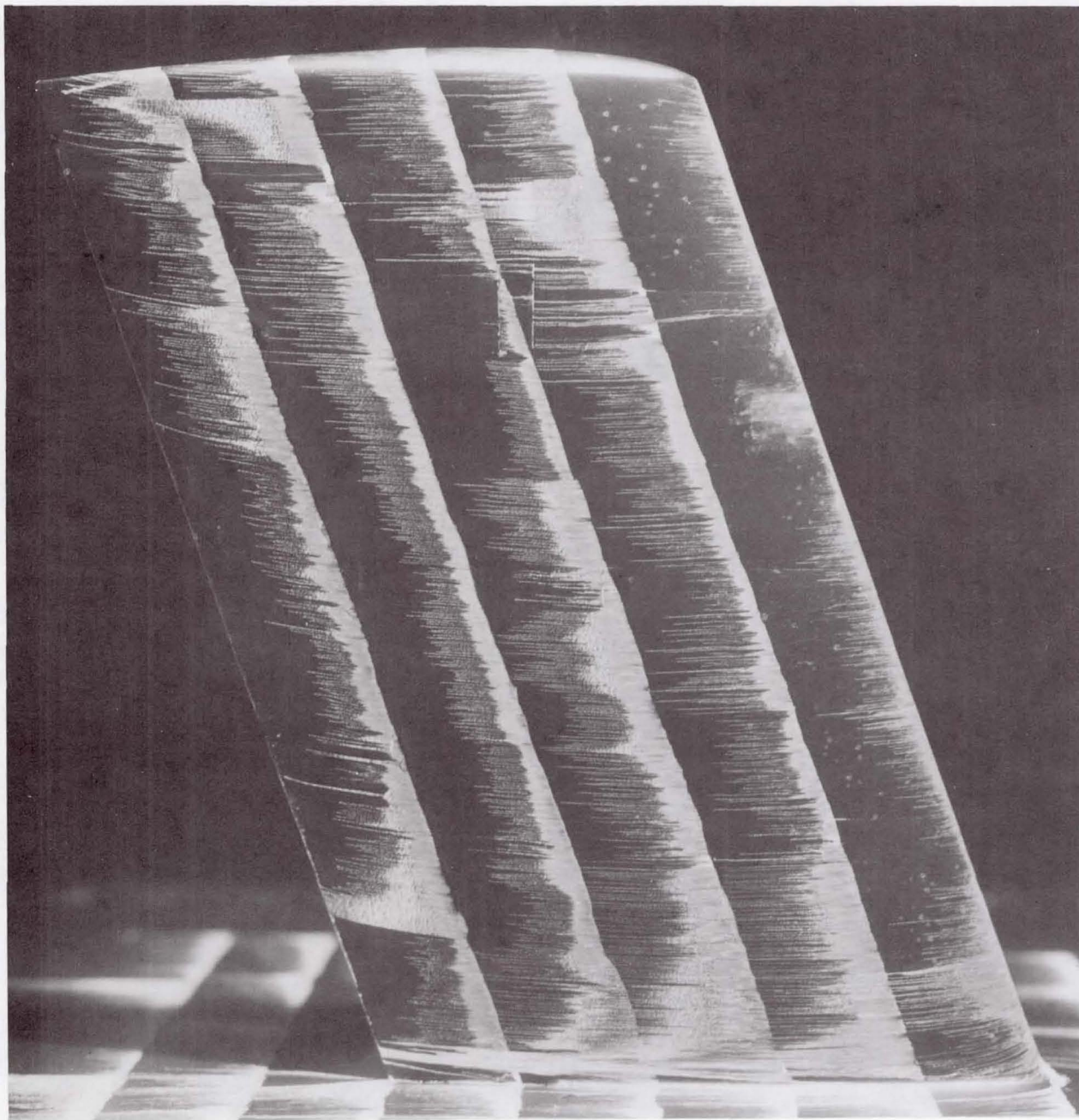
(b)  $M_\infty = 0.828$ .

Figure 17.- Continued.



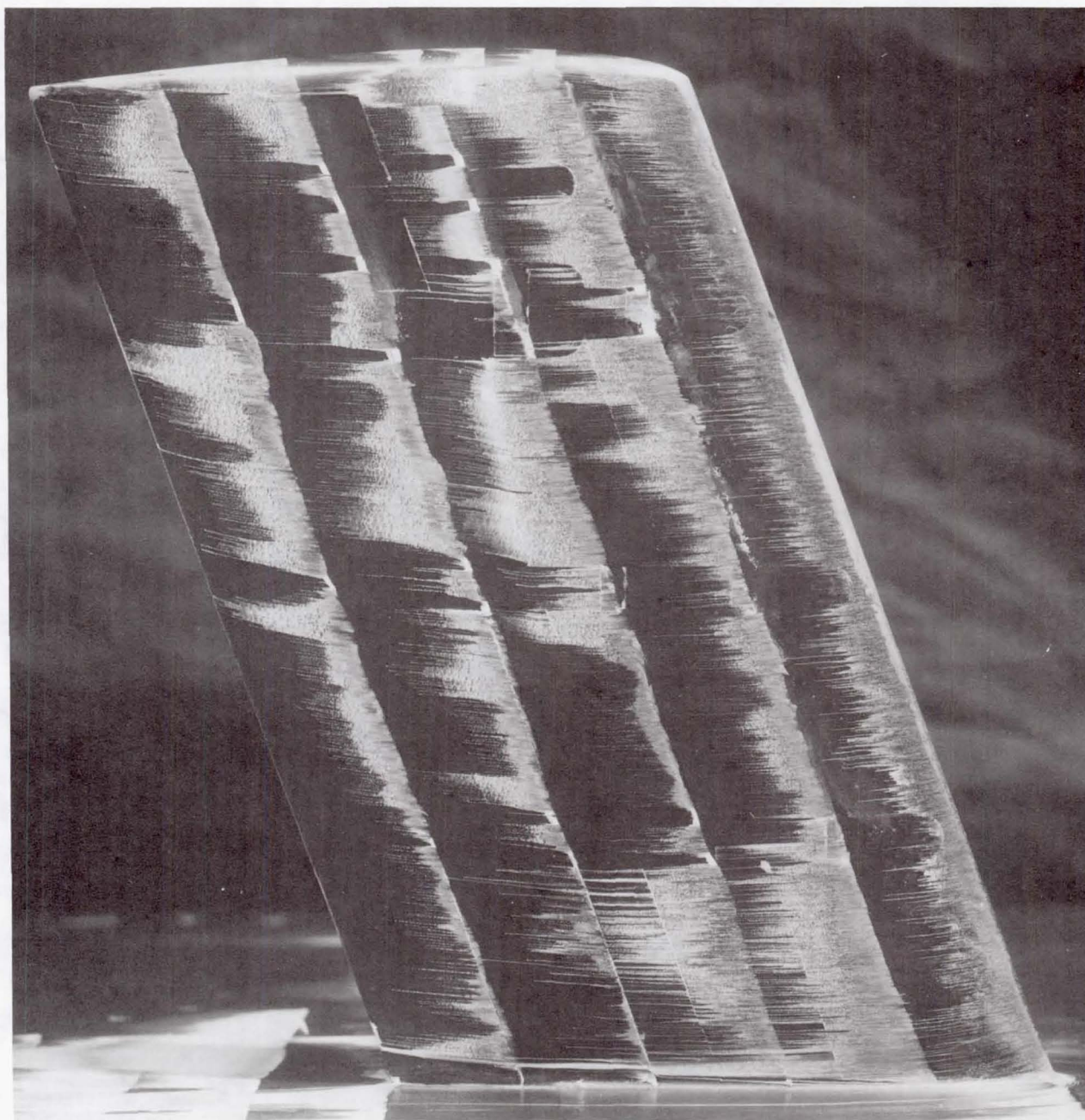
(c)  $M_{\infty} = 0.836$ .

Figure 17.- Concluded.



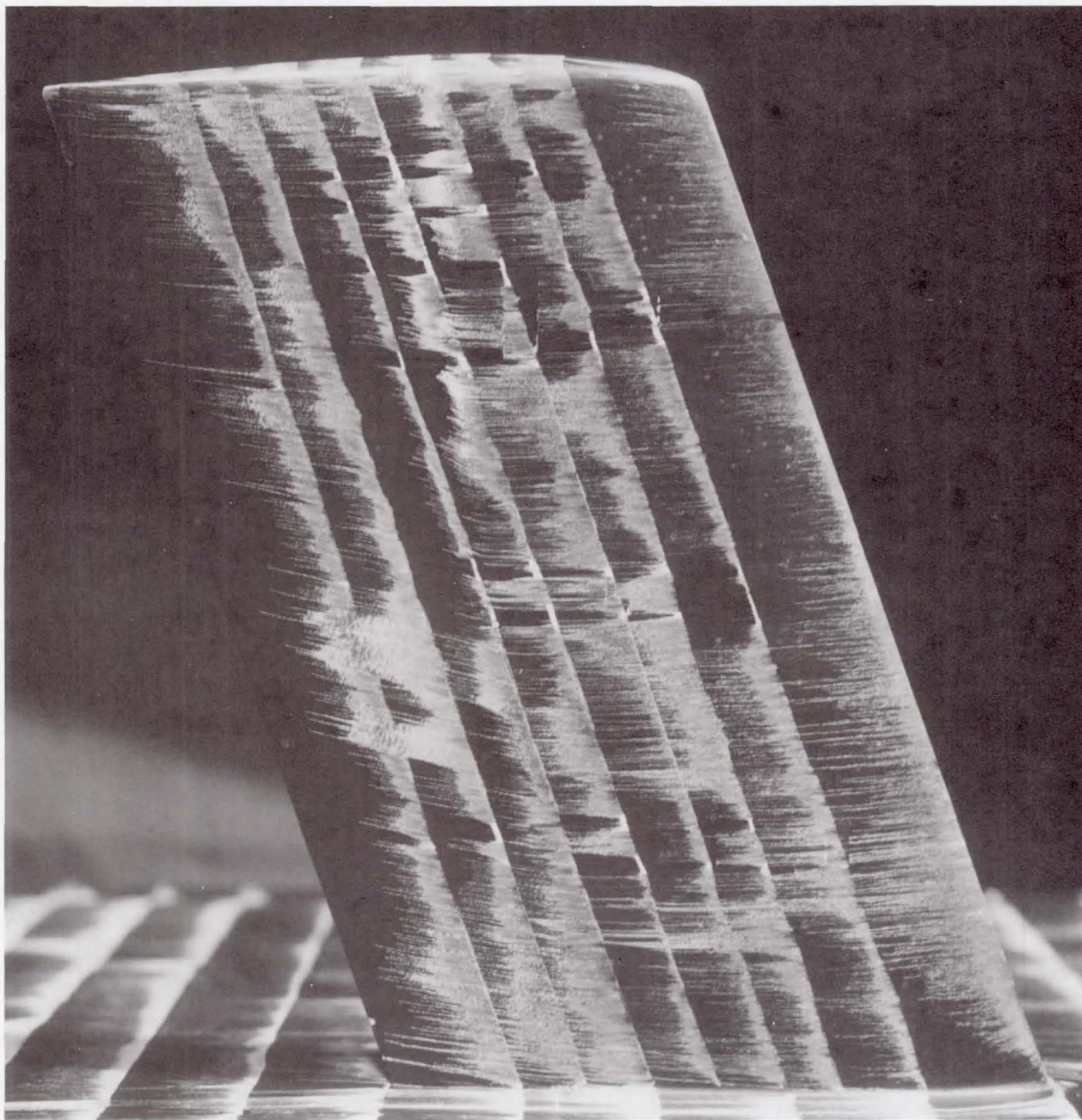
(a)  $M_\infty = 0.816$ .

Figure 18.- Oil-flow patterns on wing windward surface;  
 $\alpha = 2^\circ$ ,  $Re_{\infty, c} = 8 \times 10^6$ .



(b)  $M_\infty = 0.828$ .

Figure 18.- Continued.

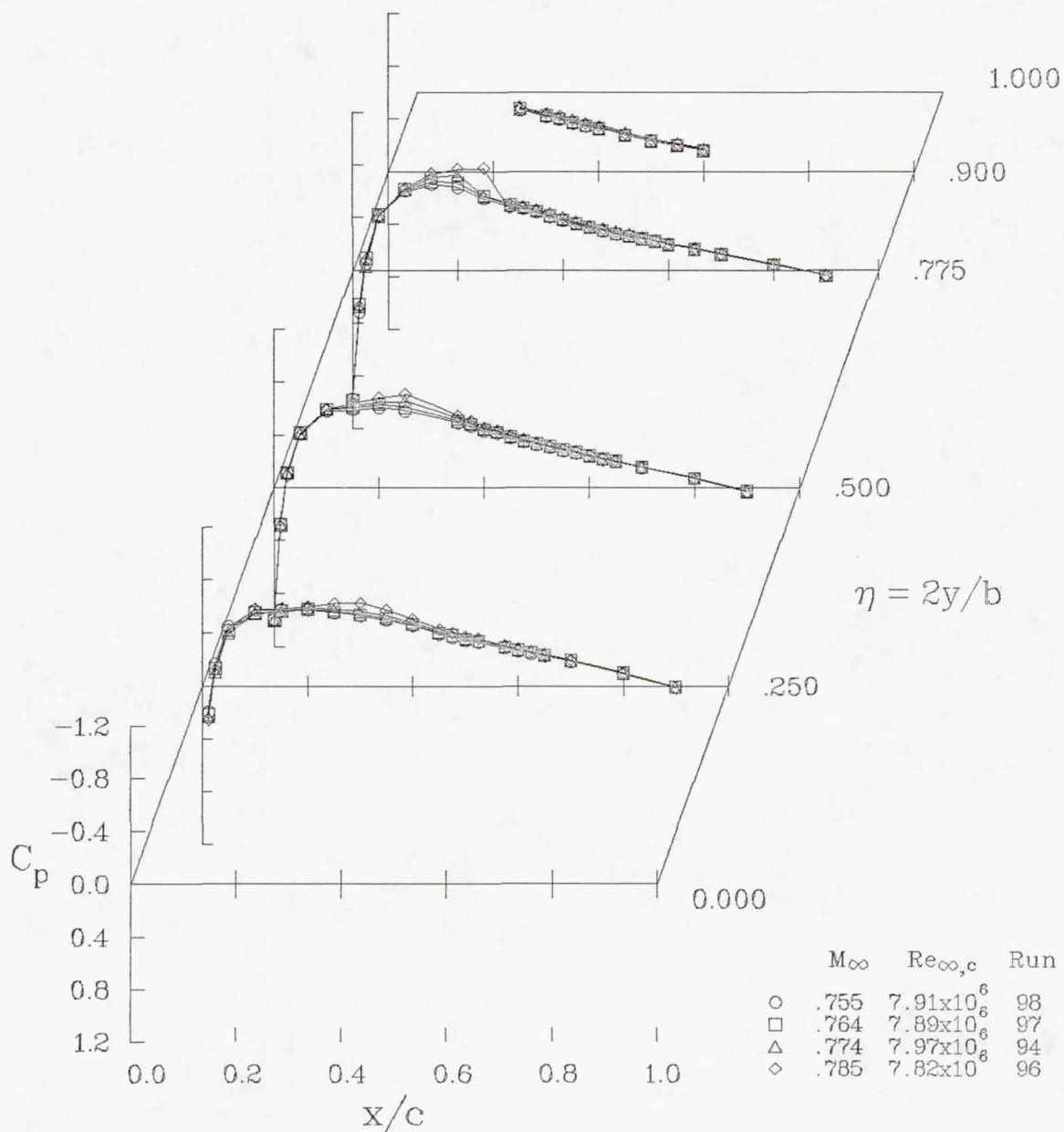


(c)  $M_{\infty} = 0.836$ .

Figure 18.- Concluded.

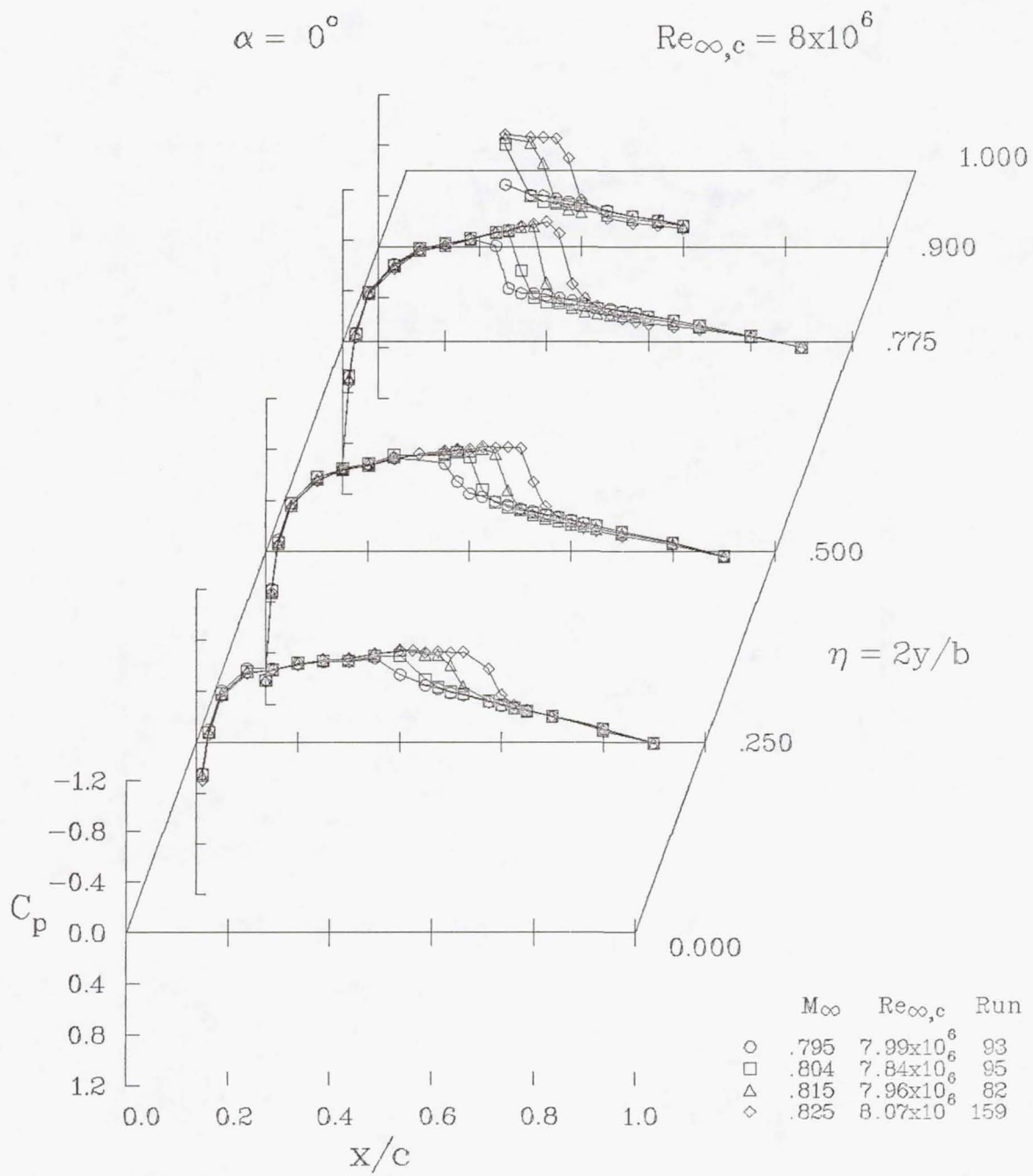
$$\alpha = 0^\circ$$

$$Re_{\infty,c} = 8 \times 10^6$$



(a)  $M_\infty = 0.75$  to  $0.78$ .

Figure 19.- Effect of free-stream Mach number on wing pressures;  
 $\alpha = 0^\circ$ ,  $M_\infty = 0.75$  to  $0.83$ ,  $Re_{\infty,c} = 8 \times 10^6$ .

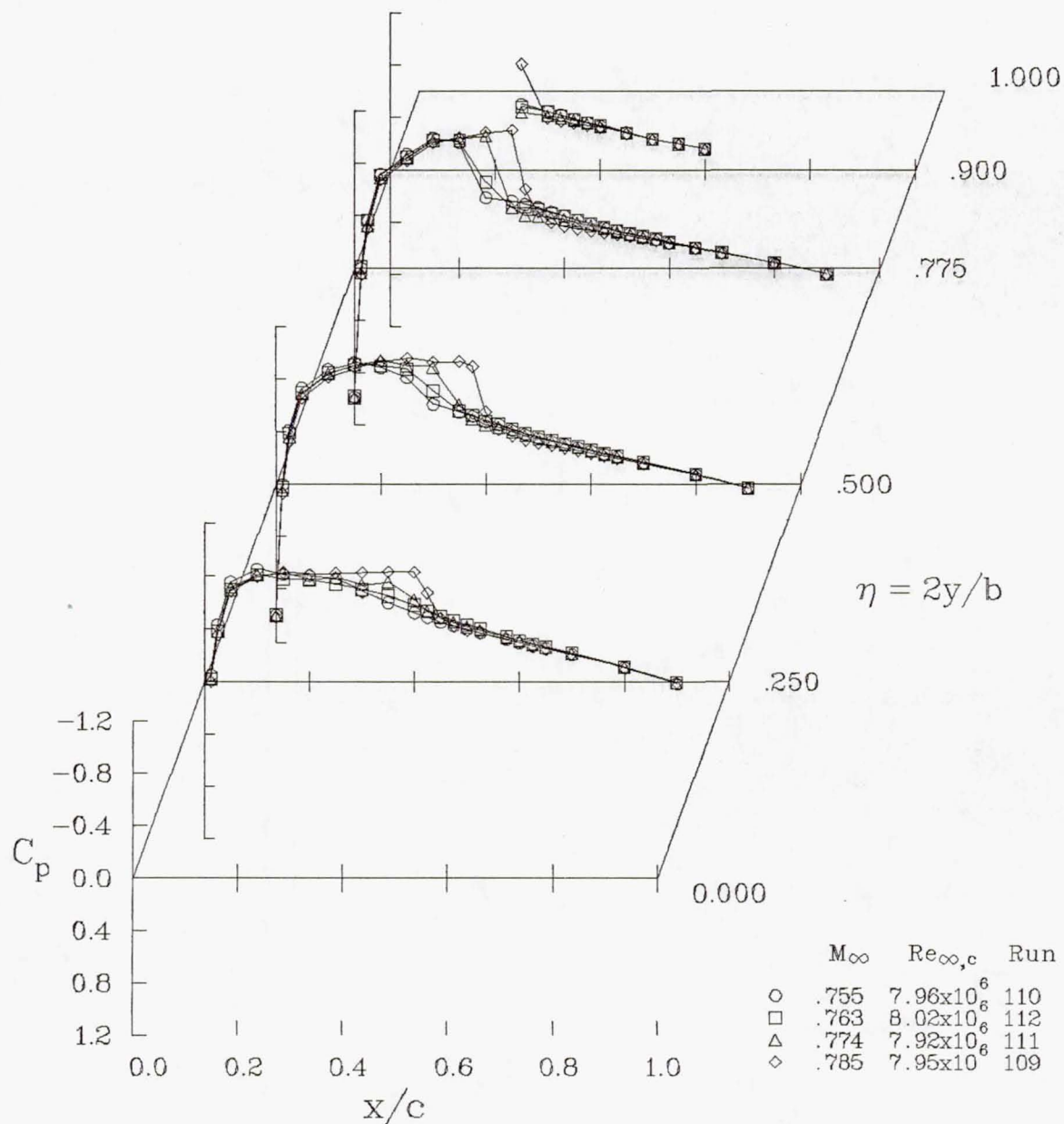


(b)  $M_\infty = 0.8$  to  $0.83$ .

Figure 19.- Concluded.

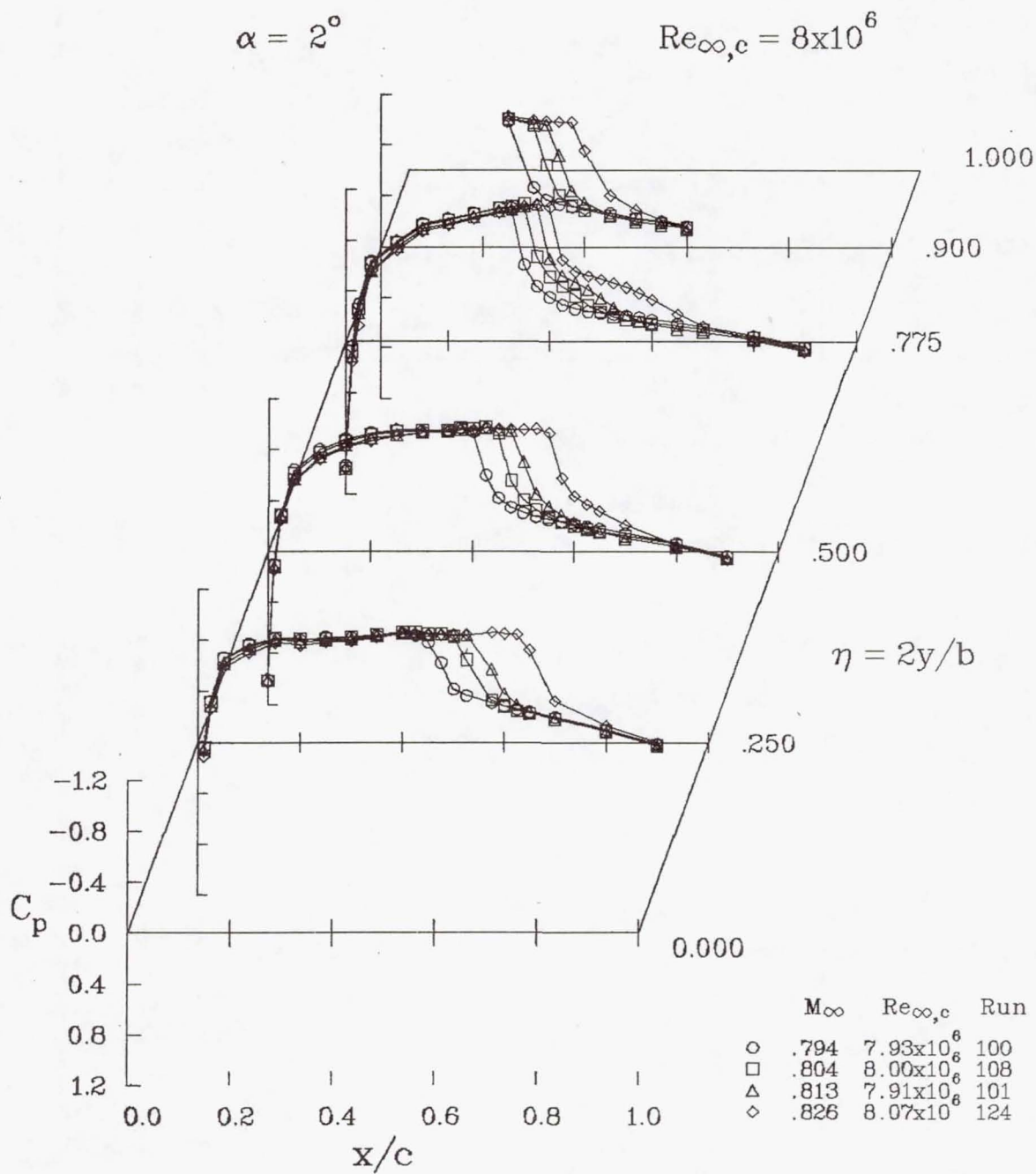
$$\alpha = 2^\circ$$

$$Re_{\infty,c} = 8 \times 10^6$$



(a)  $M_\infty = 0.75$  to  $0.78$ .

Figure 20.- Effect of free-stream Mach number on wing leeward pressures;  
 $\alpha = 2^\circ$ ,  $M_\infty = 0.75$  to  $0.83$ ,  $Re_{\infty,c} = 8 \times 10^6$ .



(b)  $M_\infty = 0.8$  to  $0.83$ .

Figure 20.- Concluded.

$$\alpha = -2^\circ$$

$$Re_{\infty,c} = 8 \times 10^6$$

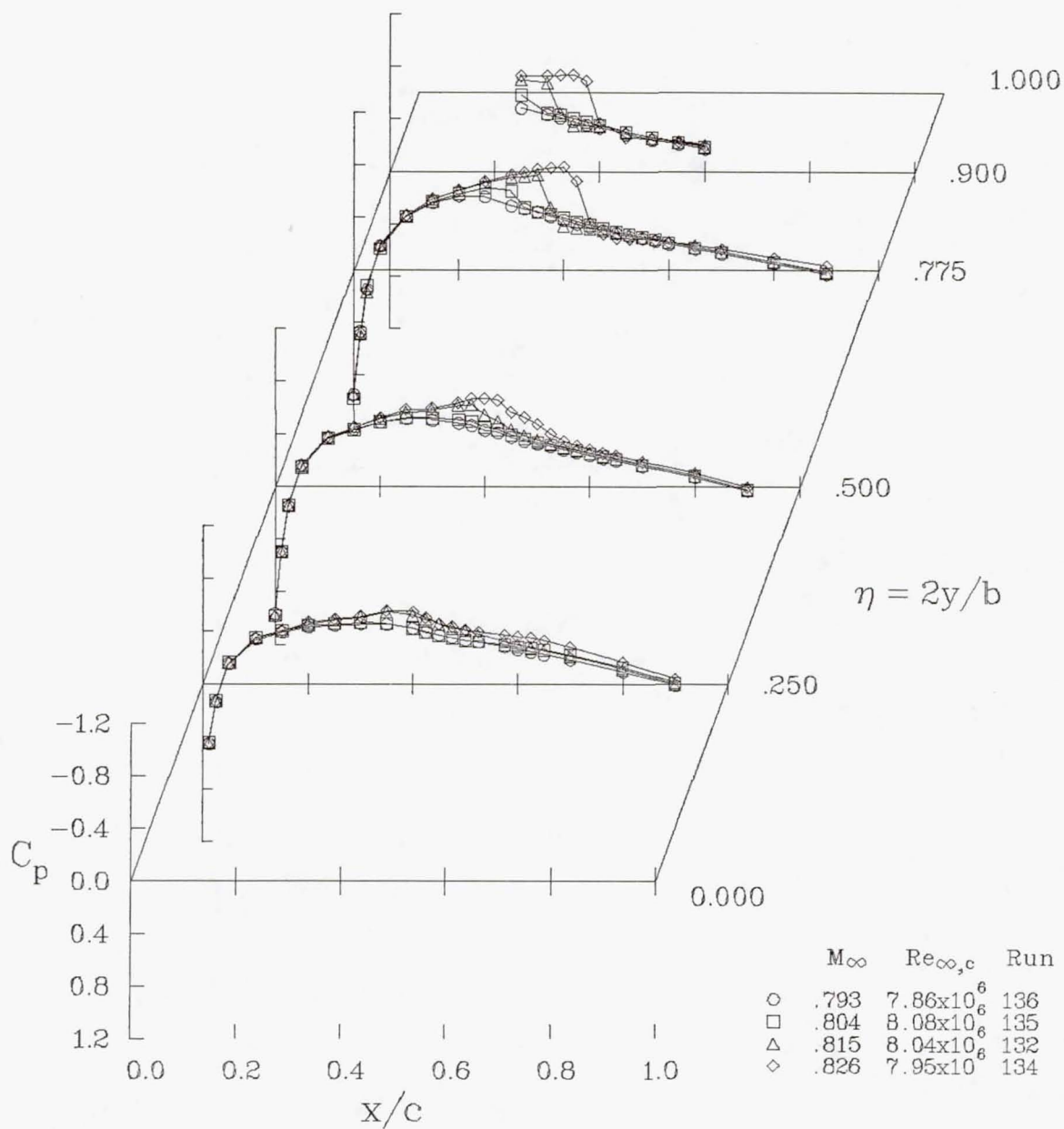


Figure 21.- Effect of free-stream Mach number on wing windward pressures;  
 $\alpha = 2^\circ$ ,  $M_\infty = 0.8$  to  $0.83$ ,  $Re_{\infty,c} = 8 \times 10^6$ .

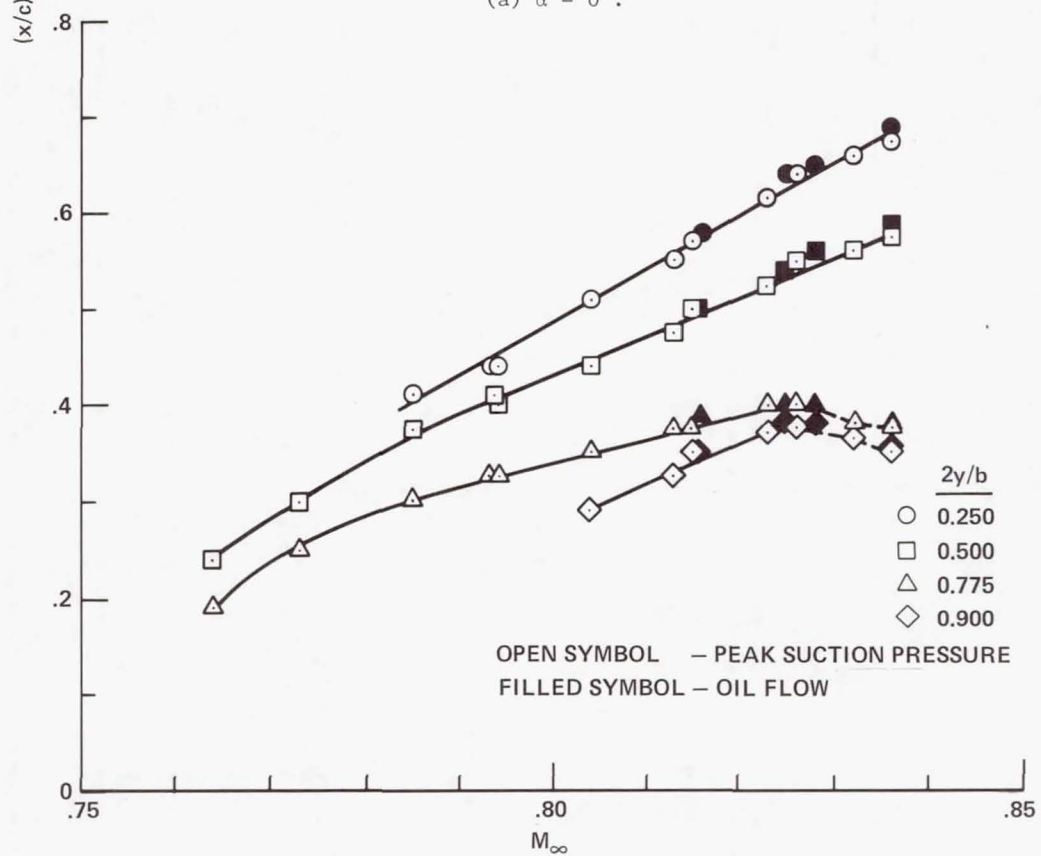
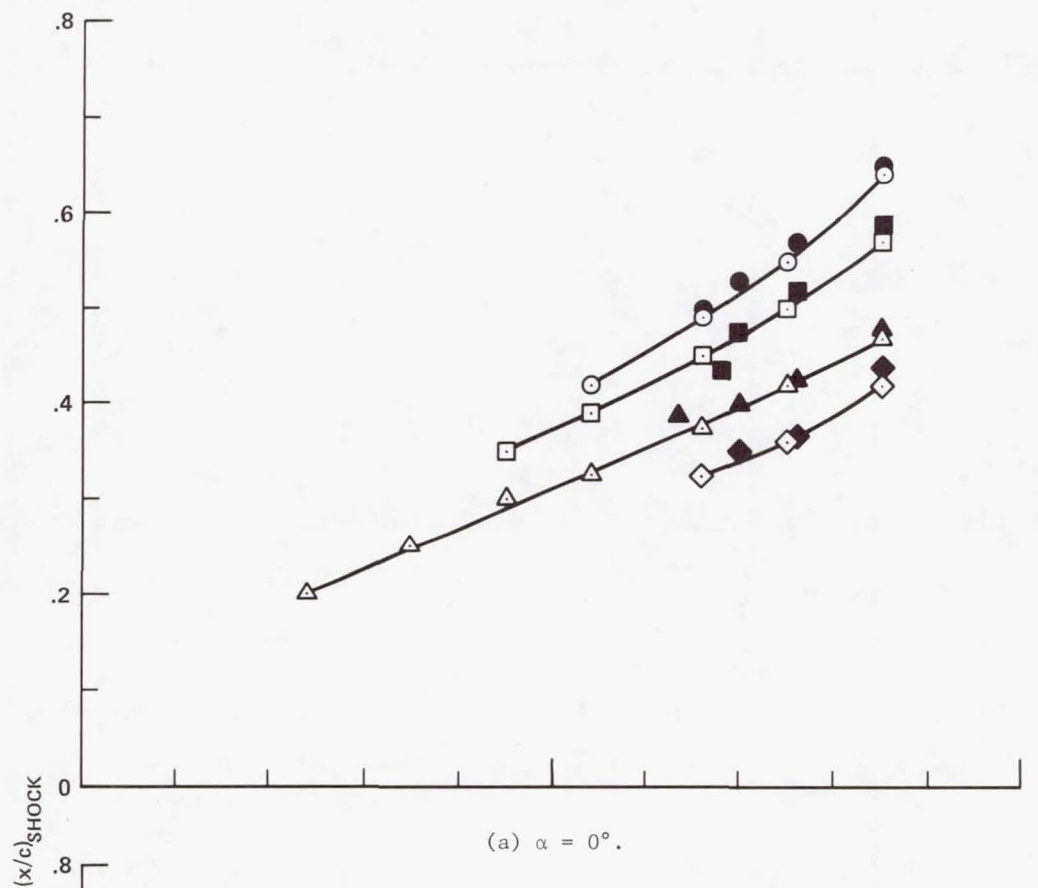
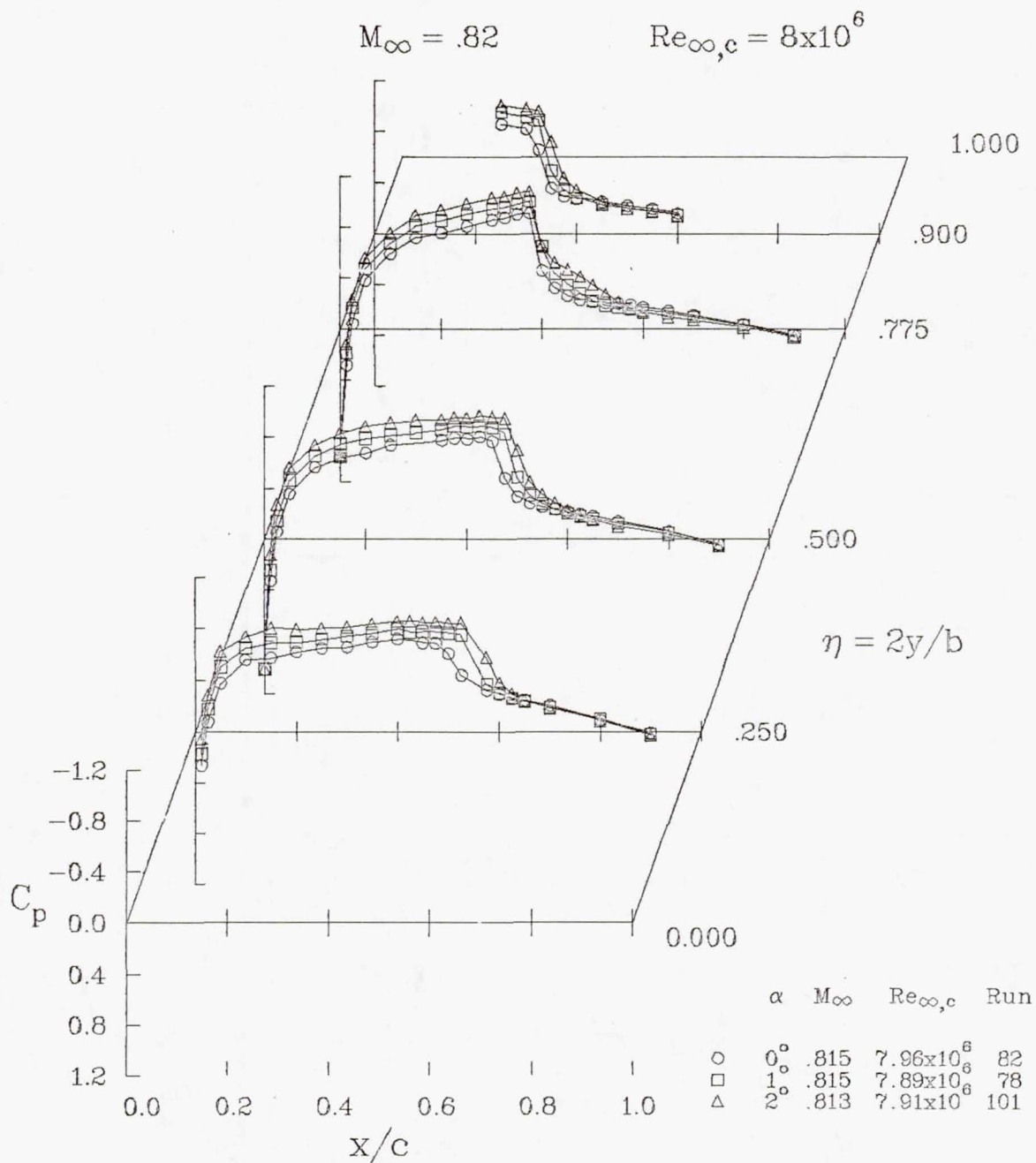
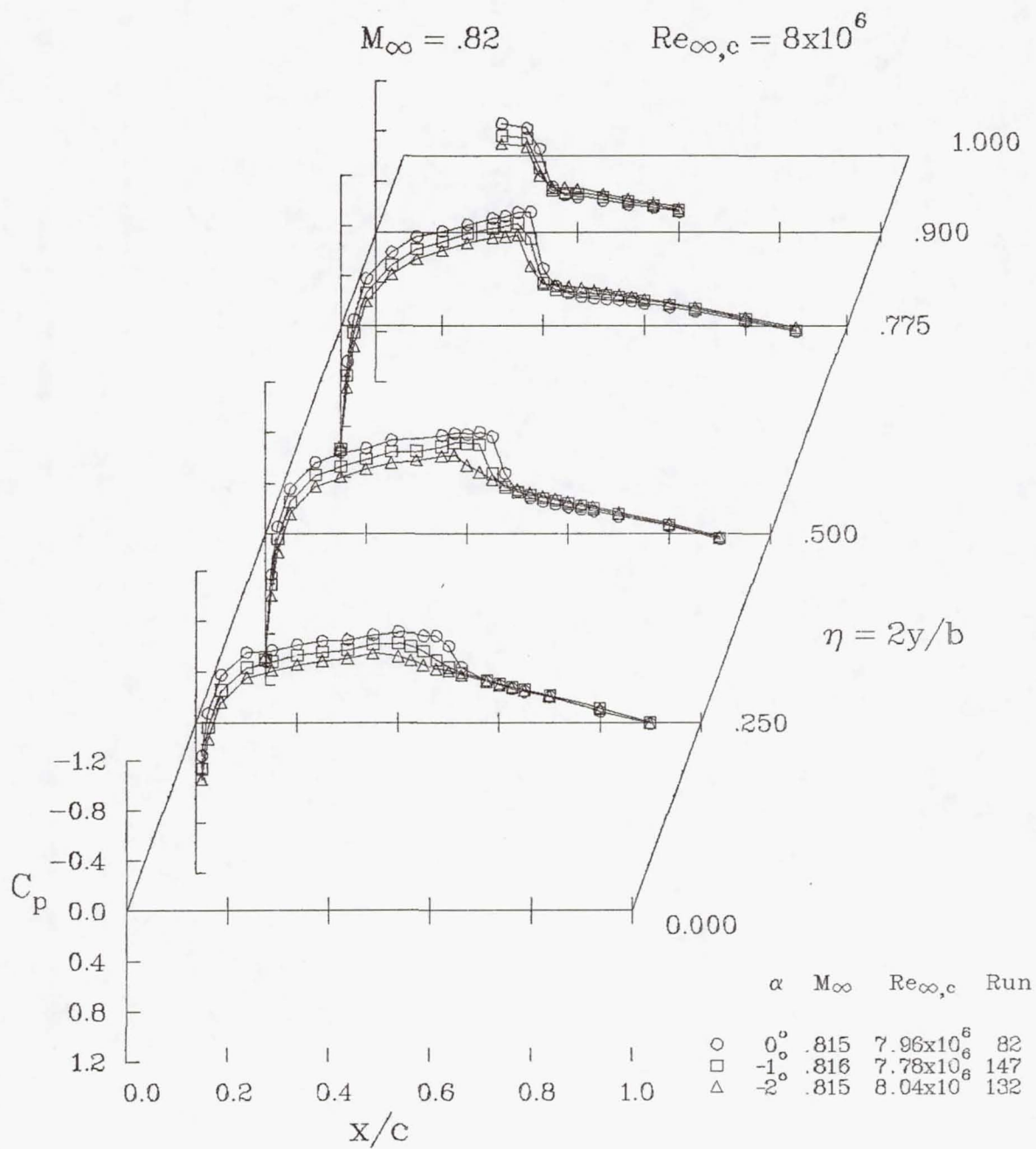


Figure 22.- Shock-wave location from peak suction pressures and oil-flow patterns;  
 $Re_{\infty, c} = 8 \times 10^6$ .



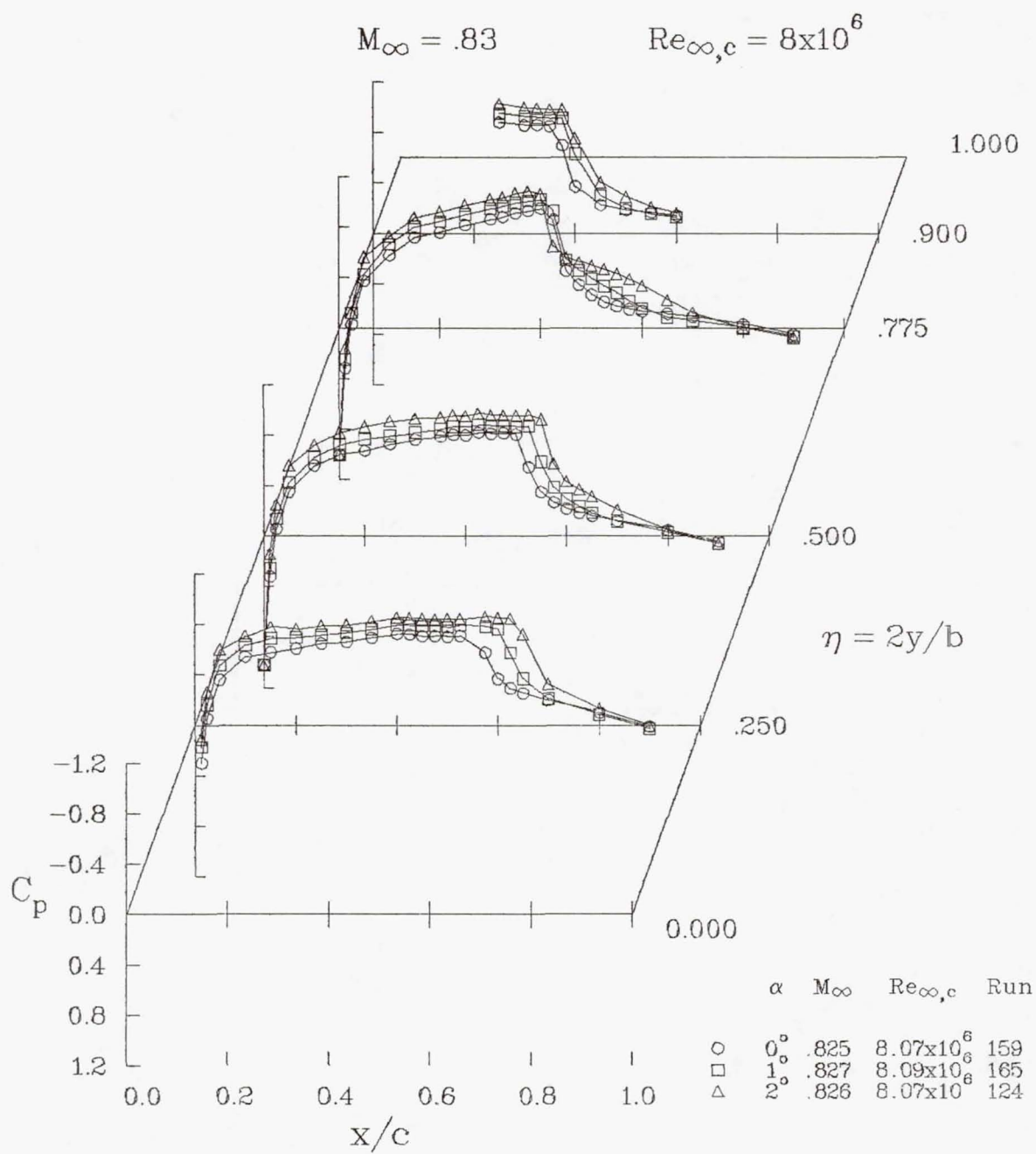
(a) Leeward surface,  $\alpha = 0^\circ$  to  $2^\circ$ .

Figure 23.- Effect of angle of attack on wing pressures;  
 $M_\infty = 0.82$ ,  $Re_{\infty,c} = 8 \times 10^6$ .



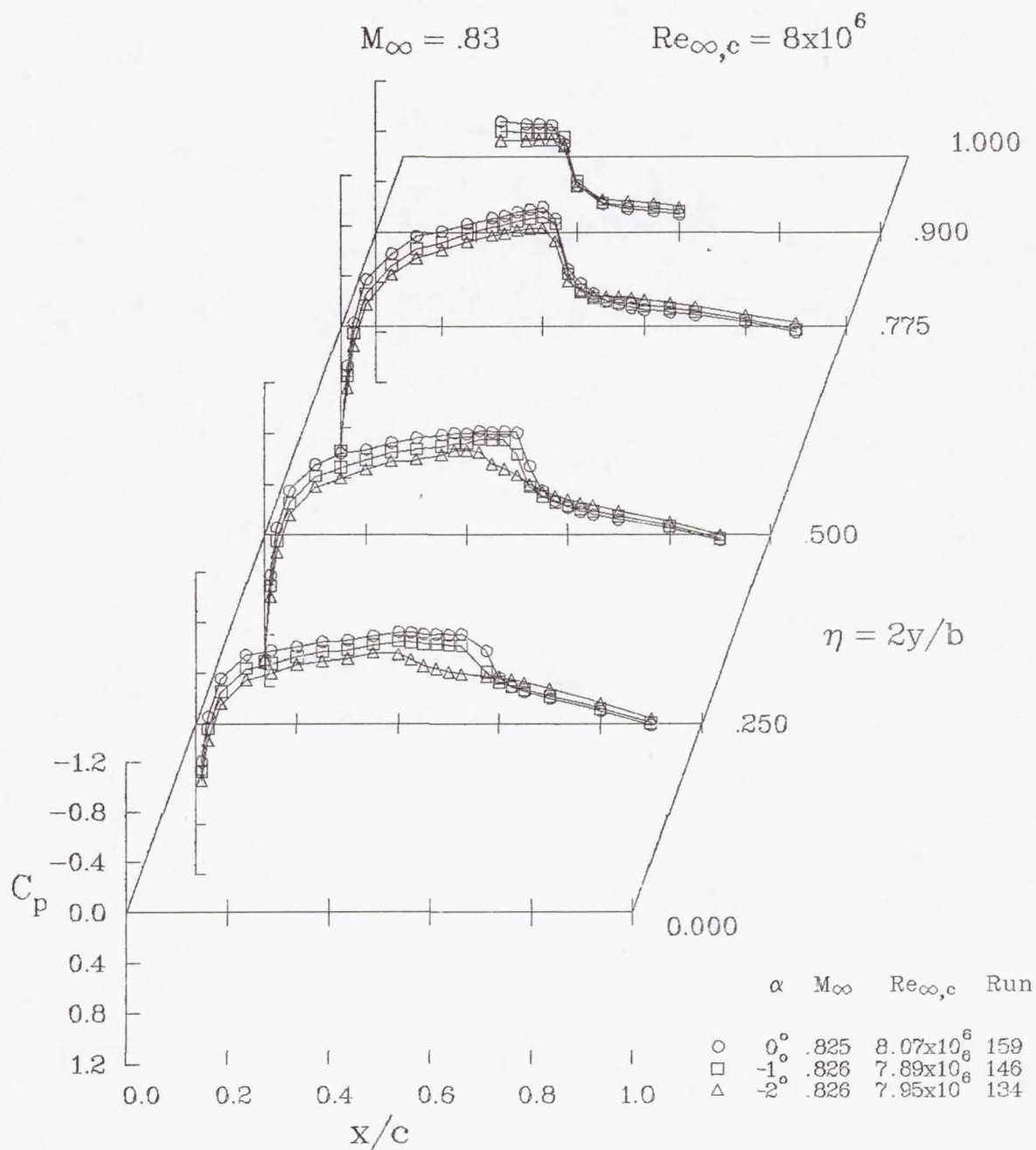
(b) Windward surface,  $\alpha = 0^\circ$  to  $-2^\circ$ .

Figure 23.- Concluded.



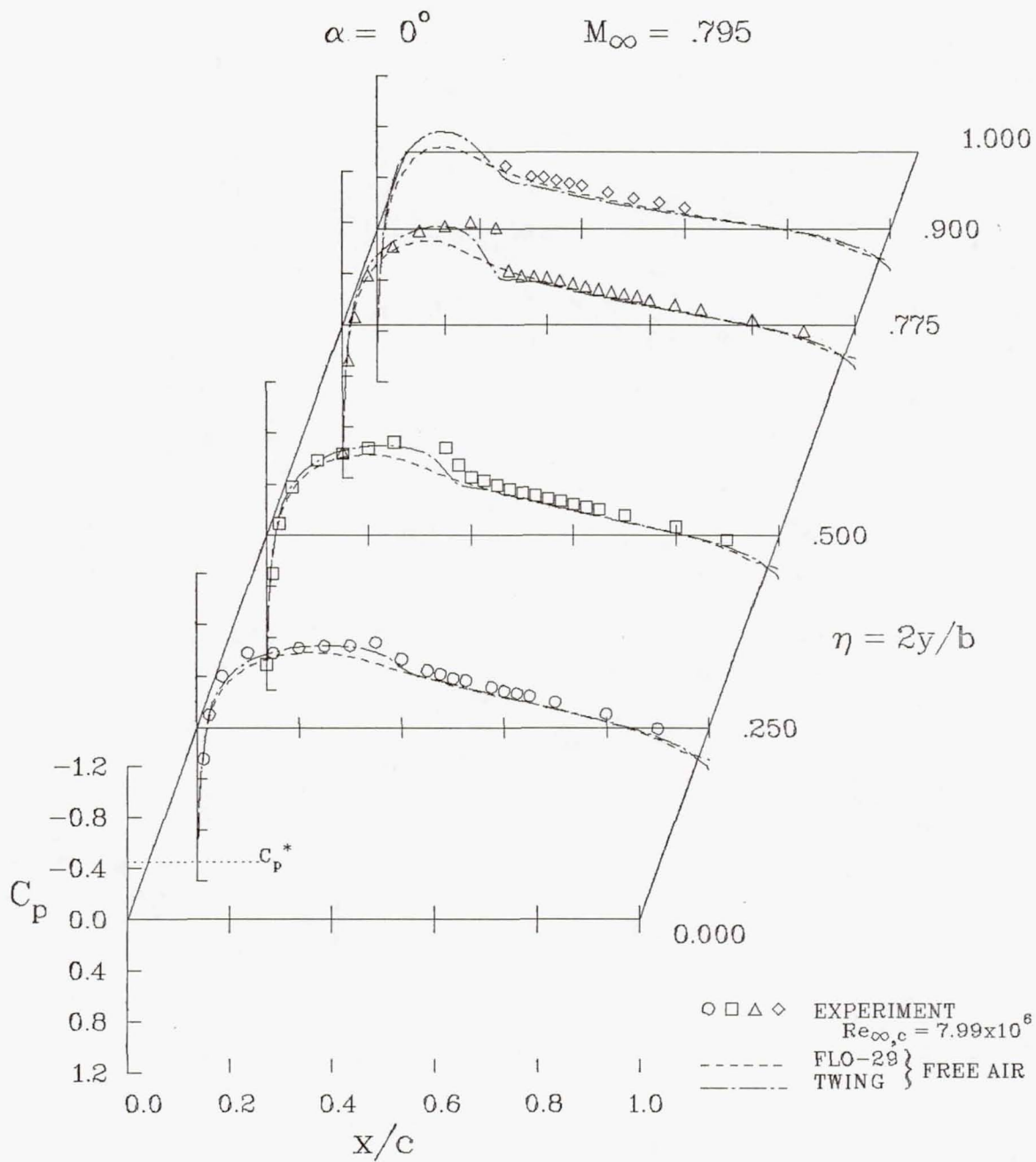
(a) Leeward surface,  $\alpha = 0^\circ$  to  $2^\circ$ .

Figure 24.- Effect of angle of attack on wing pressures;  
 $M_\infty = 0.83$ ,  $Re_{\infty,c} = 8 \times 10^6$ .



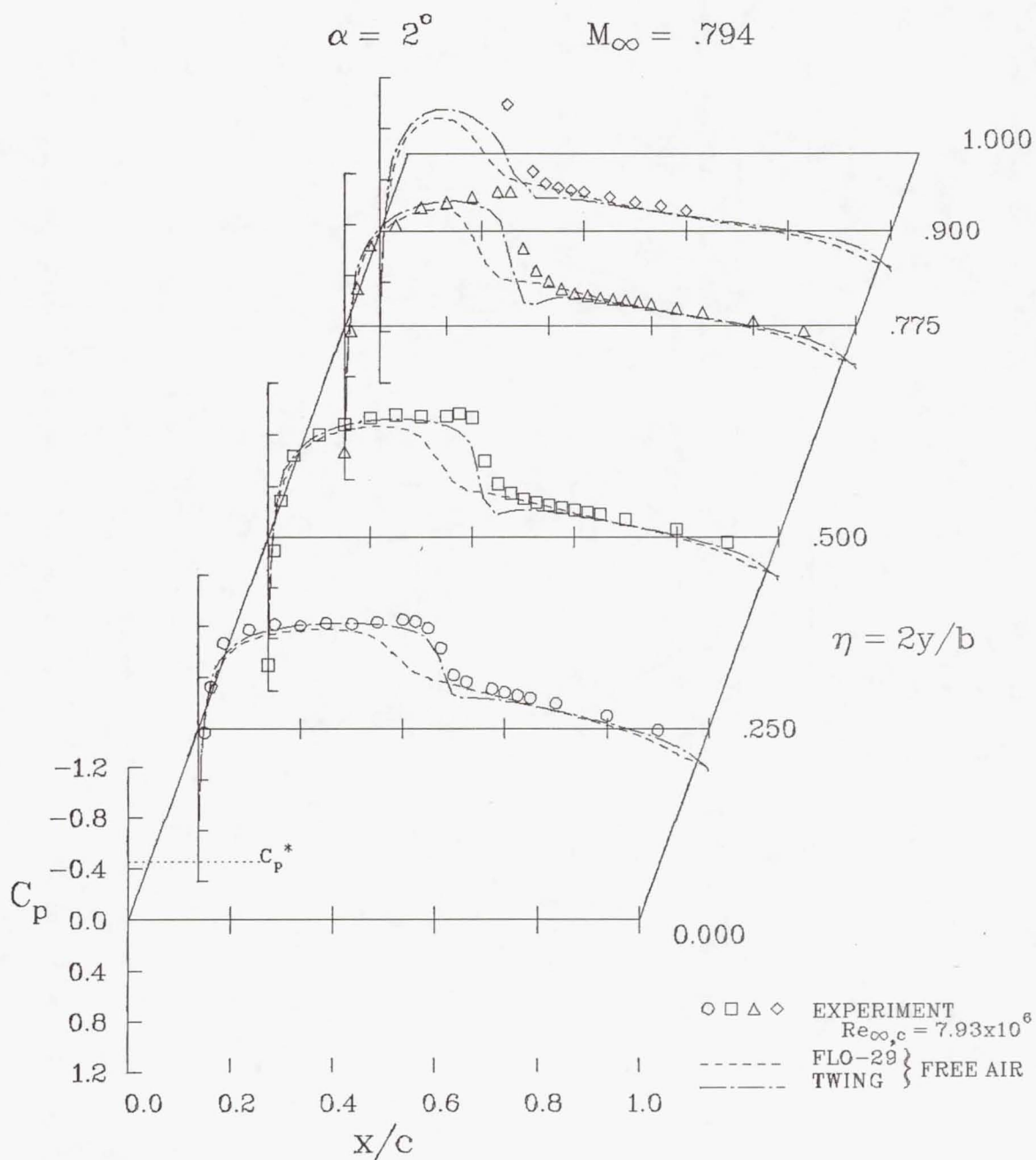
(b) Windward surface,  $\alpha = 0^\circ$  to  $-2^\circ$ .

Figure 24.- Concluded.



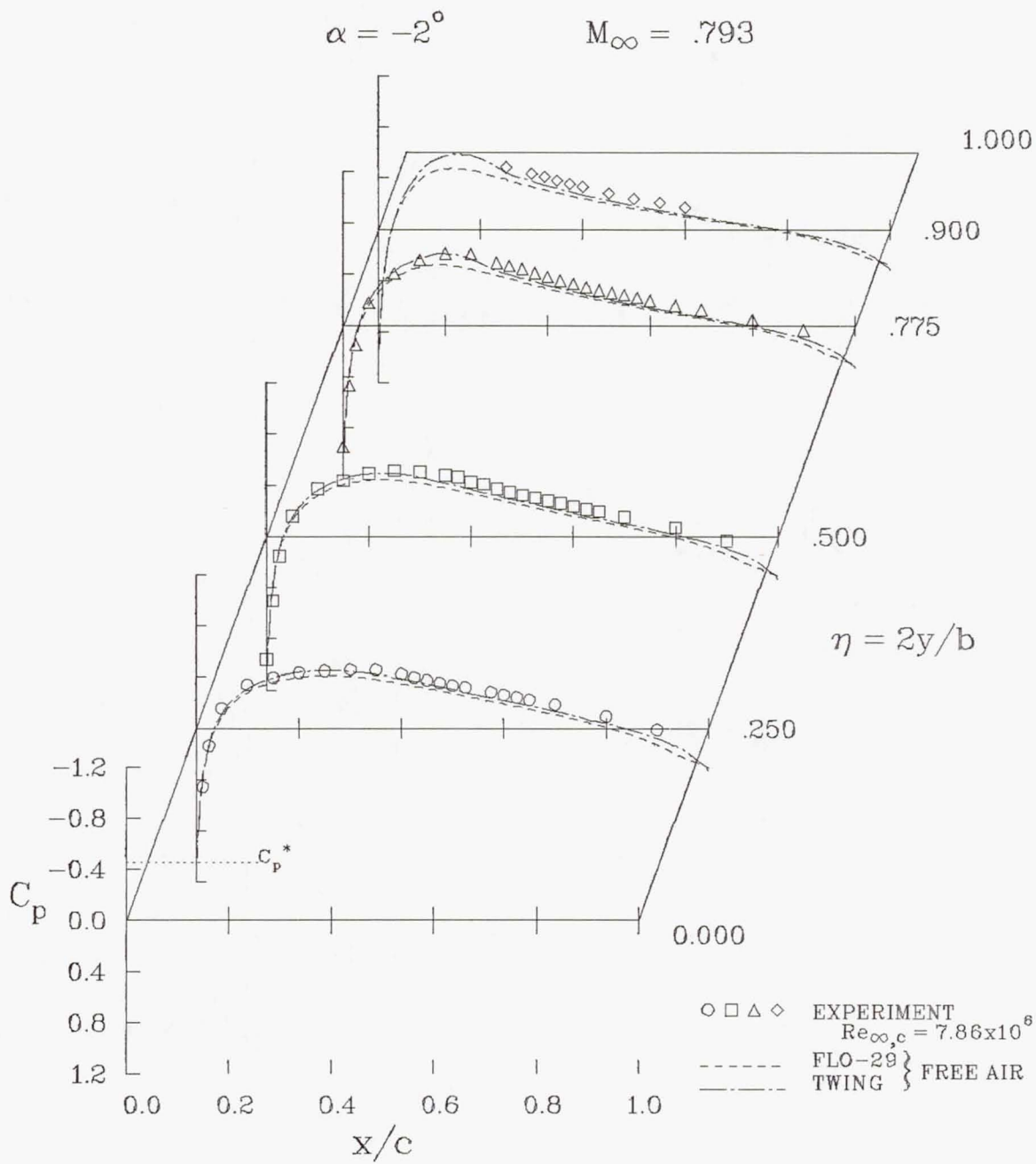
(a)  $\alpha = 0^\circ$ .

Figure 25.- Comparisons of wing pressures from experiment and inviscid codes.  
 $M_\infty = 0.8$ .



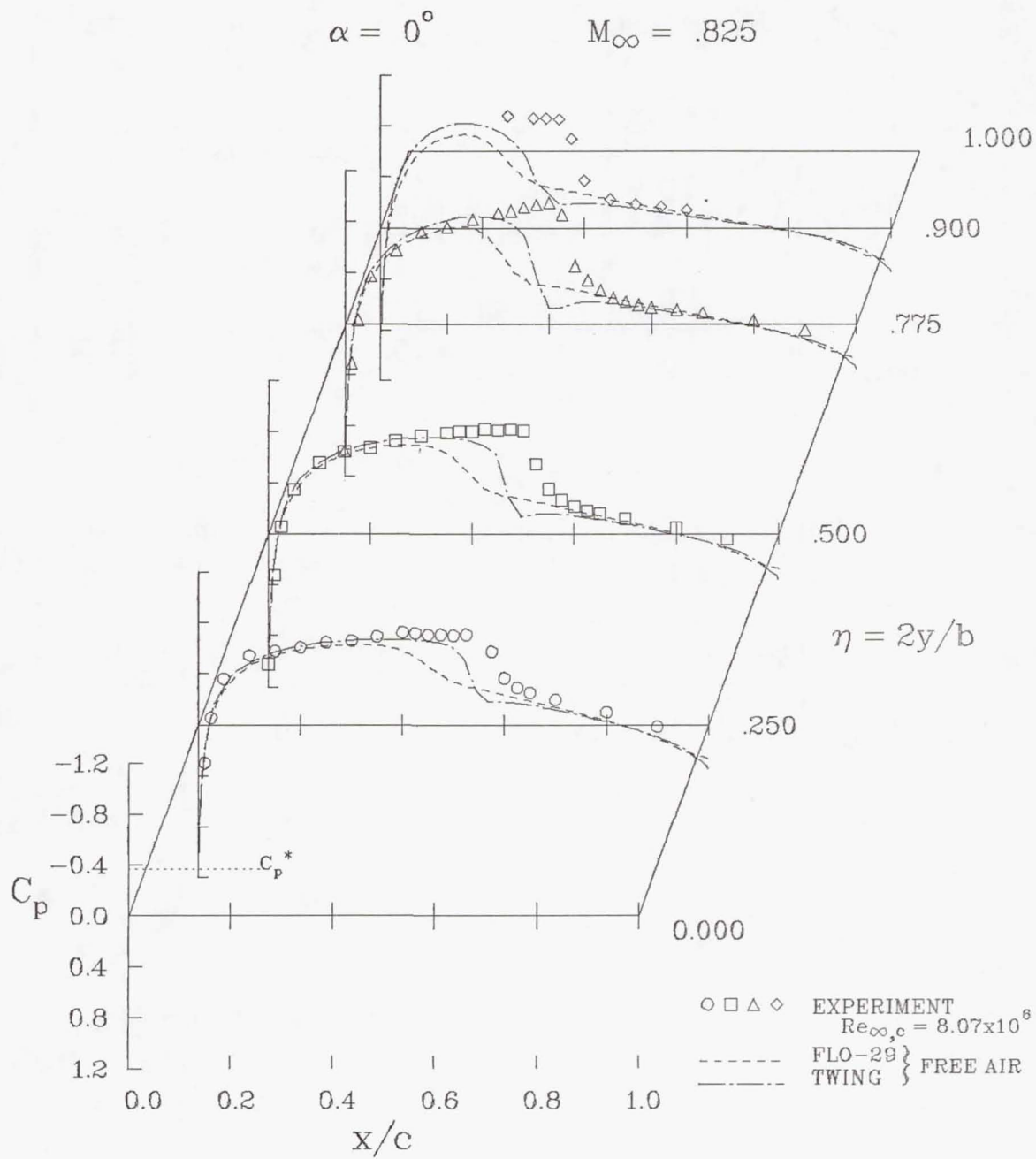
(b)  $\alpha = 2^\circ$ , leeward surface.

Figure 25.- Continued.



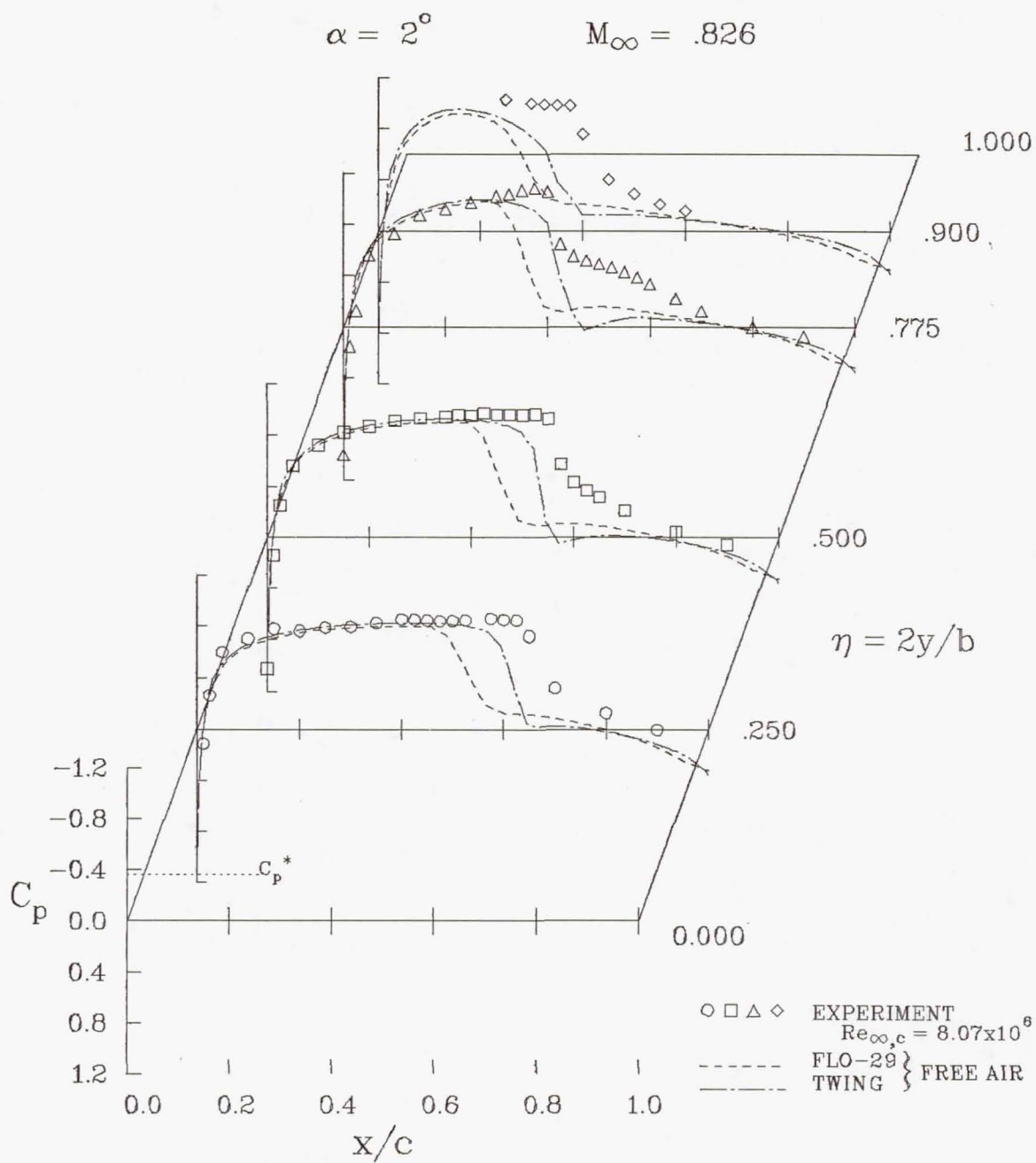
(c)  $\alpha = -2^\circ$ , windward surface.

Figure 25.- Concluded.



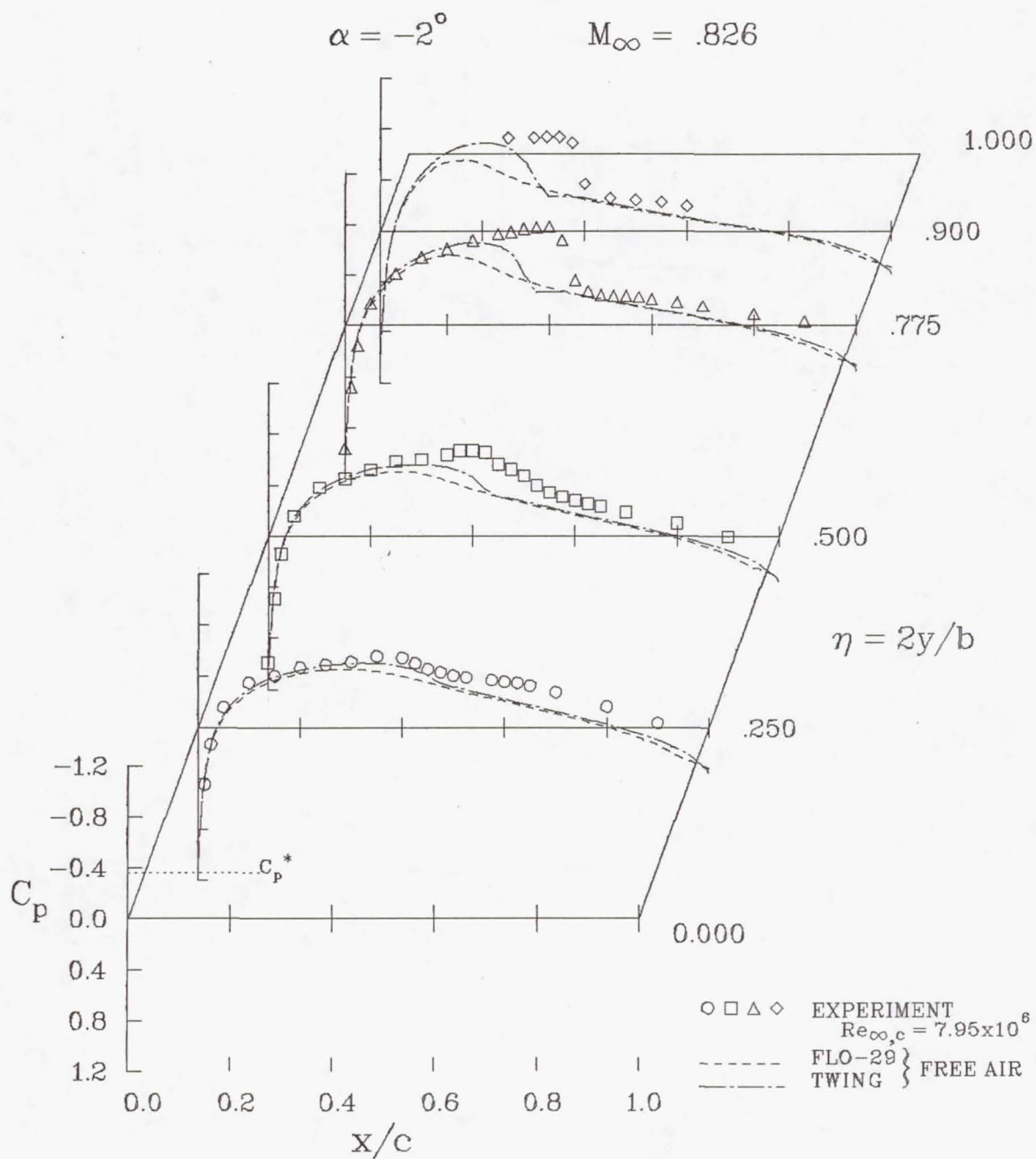
(a)  $\alpha = 0^\circ$ .

Figure 26.- Comparisons of wing pressures from experiment and inviscid codes;  
 $M_\infty = 0.83$ .



(b)  $\alpha = 2^\circ$ , leeward surface.

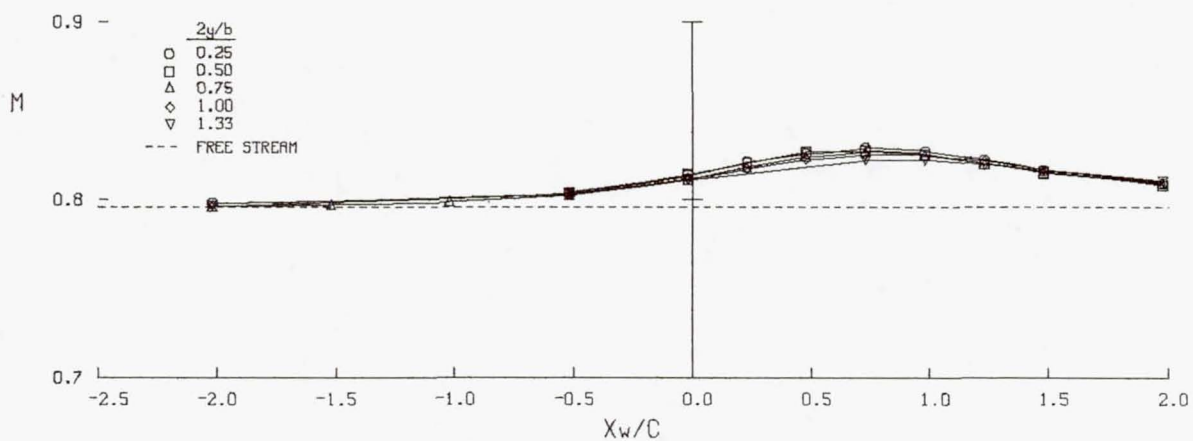
Figure 26.- Continued.



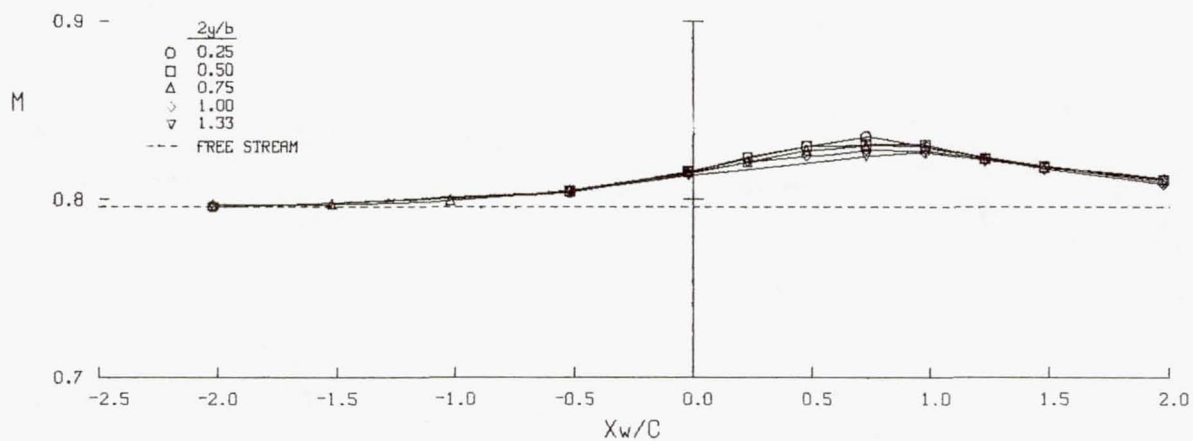
(c)  $\alpha = -2^\circ$ , windward surface.

Figure 26.- Concluded.

$\alpha = 0^\circ$       RUN 181  
 $M_\infty = 0.796$        $Re_{\infty,c} = 7.93 \times 10^6$



CHANNEL TOP-WALL MACH NUMBER DISTRIBUTION

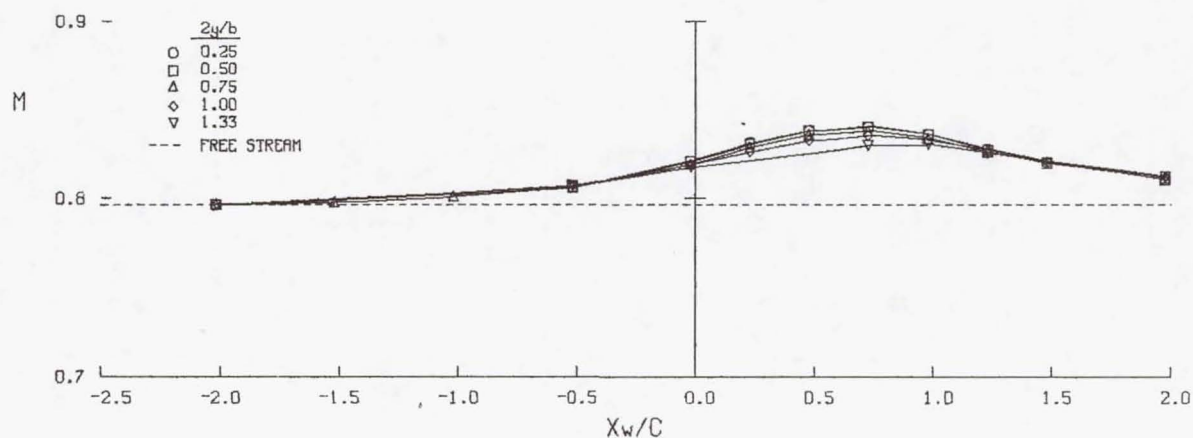


CHANNEL BOTTOM-WALL MACH NUMBER DISTRIBUTION

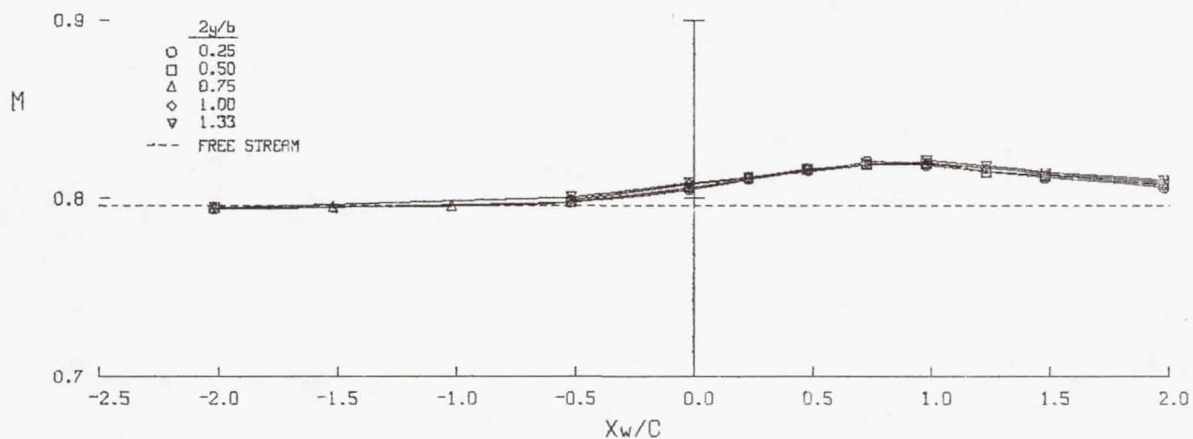
(a)  $\alpha = 0^\circ$ .

Figure 27.- Channel top- and bottom-wall Mach-number distributions;  
 $M_\infty = 0.8$ ,  $Re_{\infty,c} = 8 \times 10^6$ .

$\alpha = 2^\circ$ 
RUN 189  
 $M_\infty = 0.796$ 
 $Re_{\infty,c} = 8.03 \times 10^6$



CHANNEL TOP-WALL MACH NUMBER DISTRIBUTION

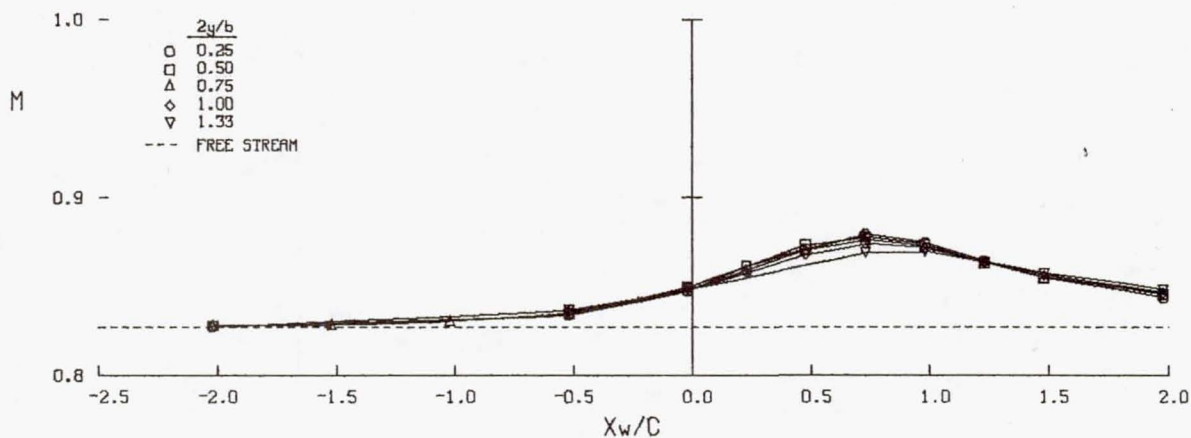


CHANNEL BOTTOM-WALL MACH NUMBER DISTRIBUTION

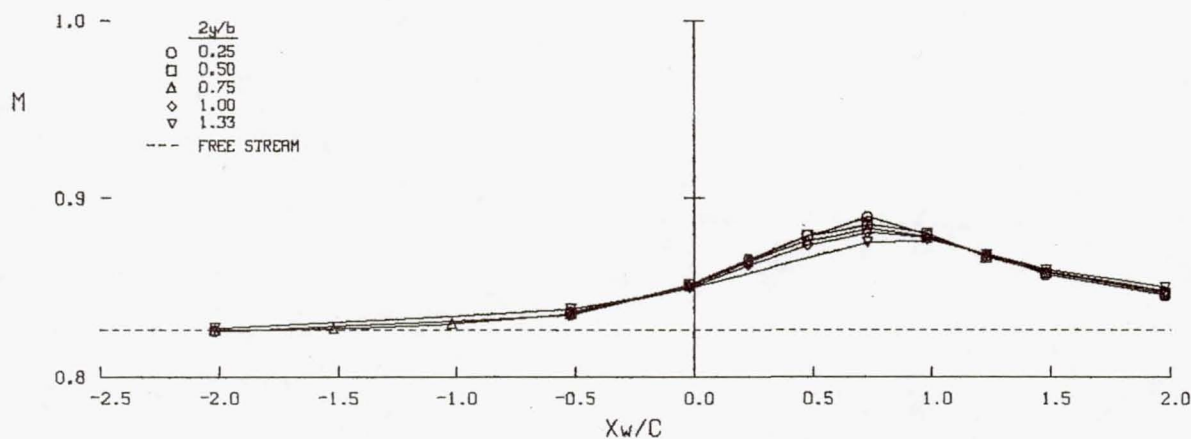
(b)  $\alpha = 2^\circ$ .

Figure 27.- Concluded.

$\alpha = 0^\circ$  RUN 180  
 $M_\infty = 0.827$   $Re_{\infty,c} = 8.05 \times 10^6$



CHANNEL TOP-WALL MACH NUMBER DISTRIBUTION

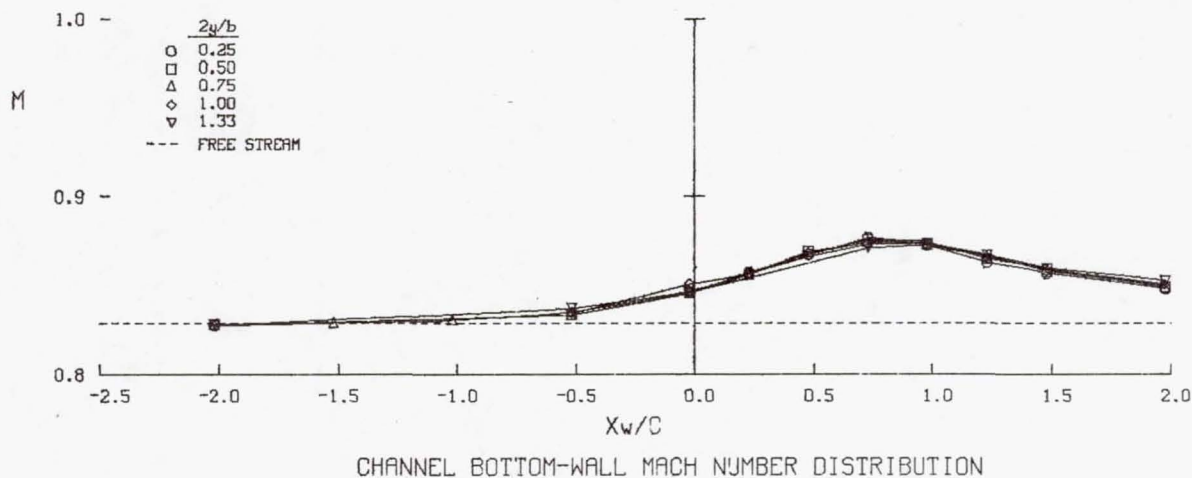
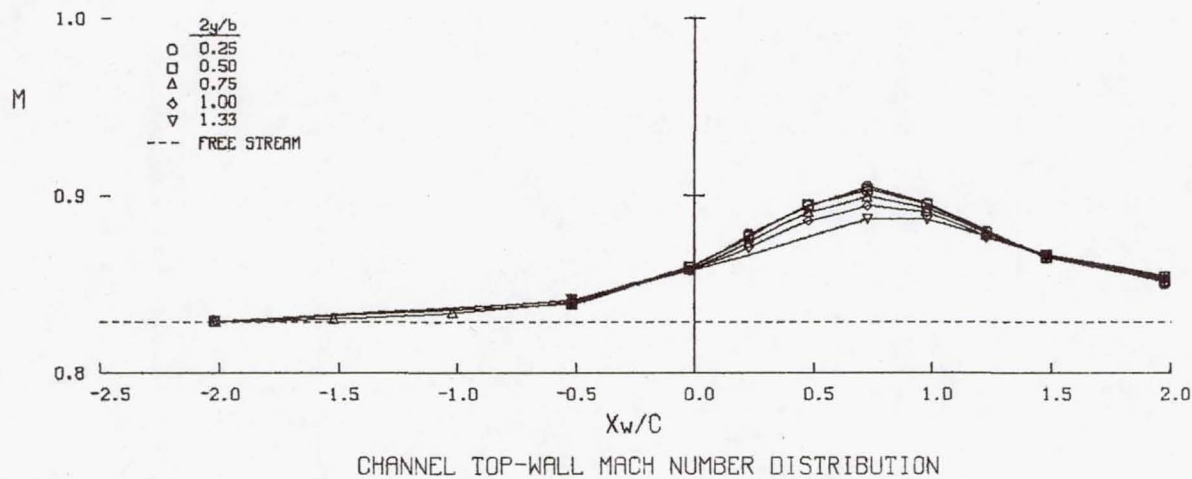


CHANNEL BOTTOM-WALL MACH NUMBER DISTRIBUTION

(a)  $\alpha = 0^\circ$ .

Figure 28.- Channel top- and bottom-wall Mach number distributions;  
 $M_\infty = 0.83$ ,  $Re_{\infty,c} = 8 \times 10^6$ .

$\alpha = 2^\circ$  RUN 188  
 $M_\infty = 0.829$   $Re_{\infty,c} = 7.96 \times 10^6$



(b)  $\alpha = 2^\circ$ .

Figure 28.- Concluded.

$$\alpha = 0^\circ \quad M_\infty = 0.826 \quad Re_{\infty, c} = 8 \times 10^6$$

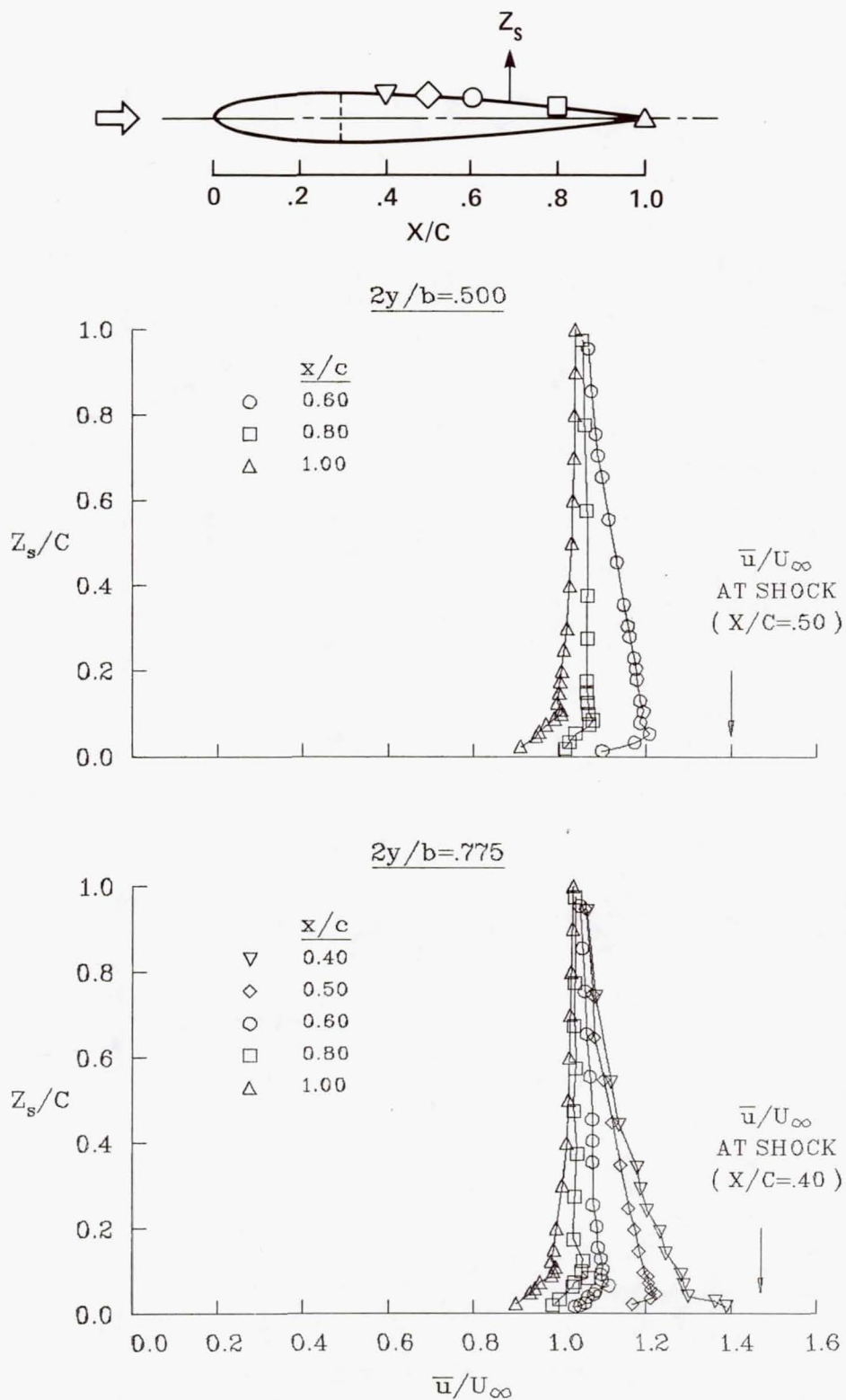


Figure 29.- Flow-field surveys of "chordwise" velocity component;  
 $\alpha = 0^\circ$ ,  $M_\infty = 0.826$ ,  $Re_{\infty, c} = 8 \times 10^6$ .

$$\alpha = 0^\circ \quad M_{\infty} = 0.826 \quad Re_{\infty, c} = 8 \times 10^6$$

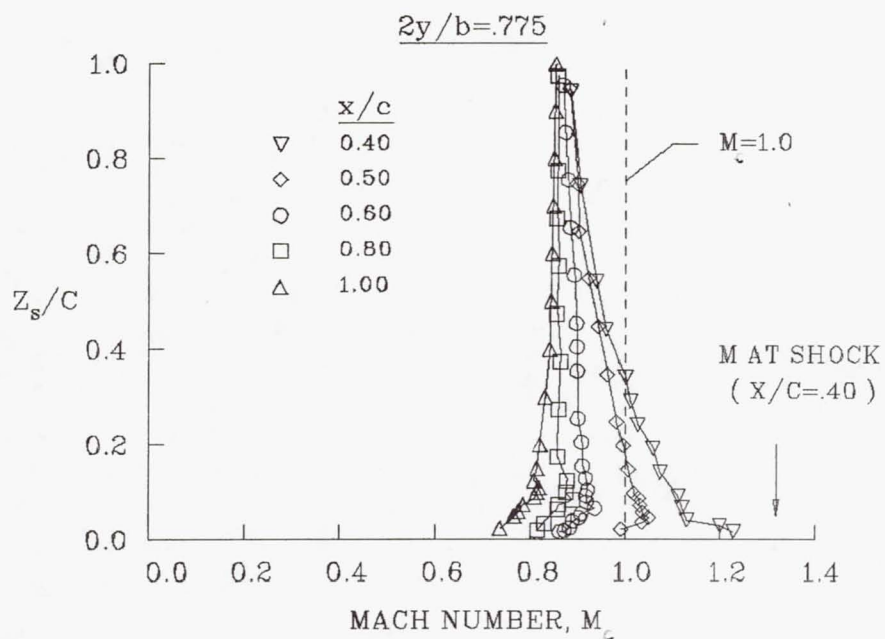
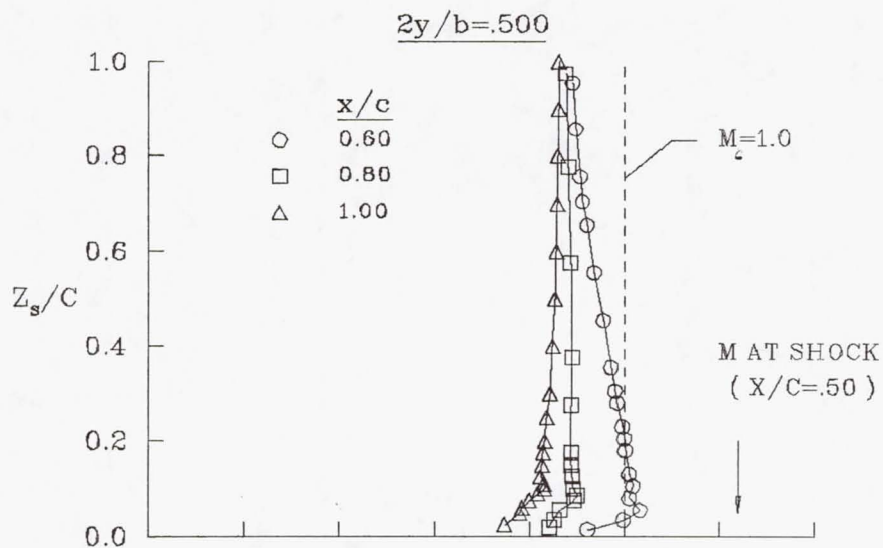
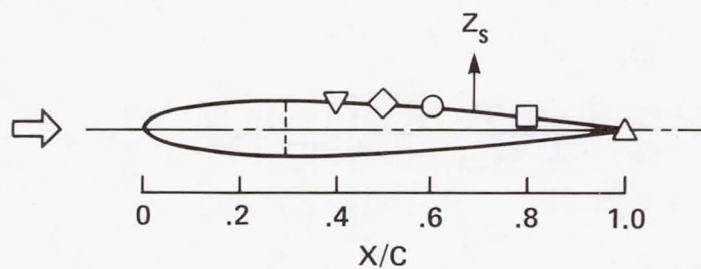


Figure 30.- Flow-field surveys of "chordwise" Mach-number component;  
 $\alpha = 0^\circ$ ,  $M_{\infty} = 0.826$ ,  $Re_{\infty, c} = 8 \times 10^6$ .

$$\alpha = 0^\circ \quad M_\infty = 0.826 \quad Re_{\infty, c} = 8 \times 10^6$$

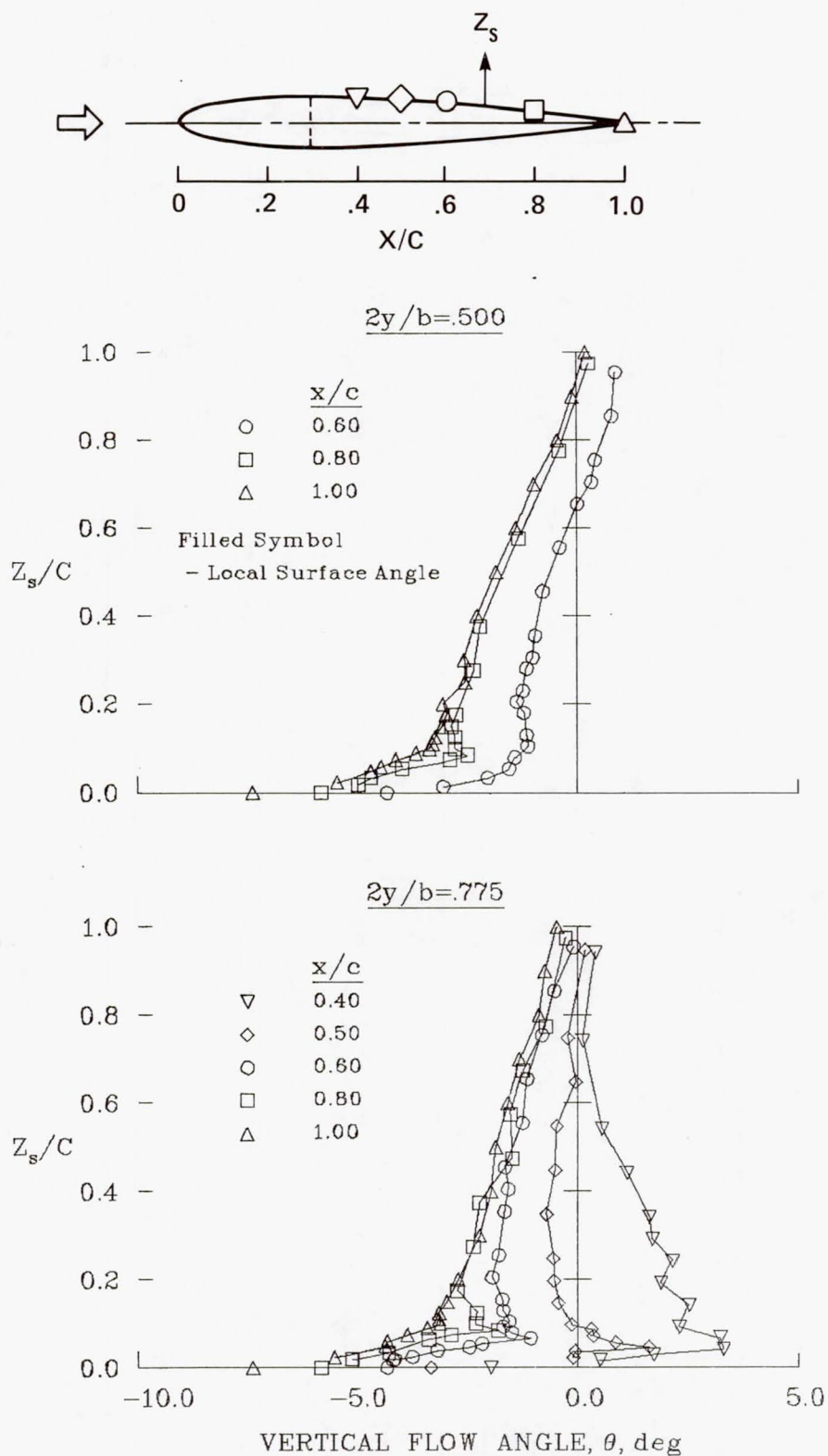


Figure 31.- Flow-field surveys of vertical flow angle;  
 $\alpha = 0^\circ$ ,  $M_\infty = 0.826$ ,  $Re_{\infty, c} = 8 \times 10^6$ .

$$\alpha = 2^\circ \quad M_\infty = 0.826 \quad Re_{\infty, c} = 8 \times 10^6$$

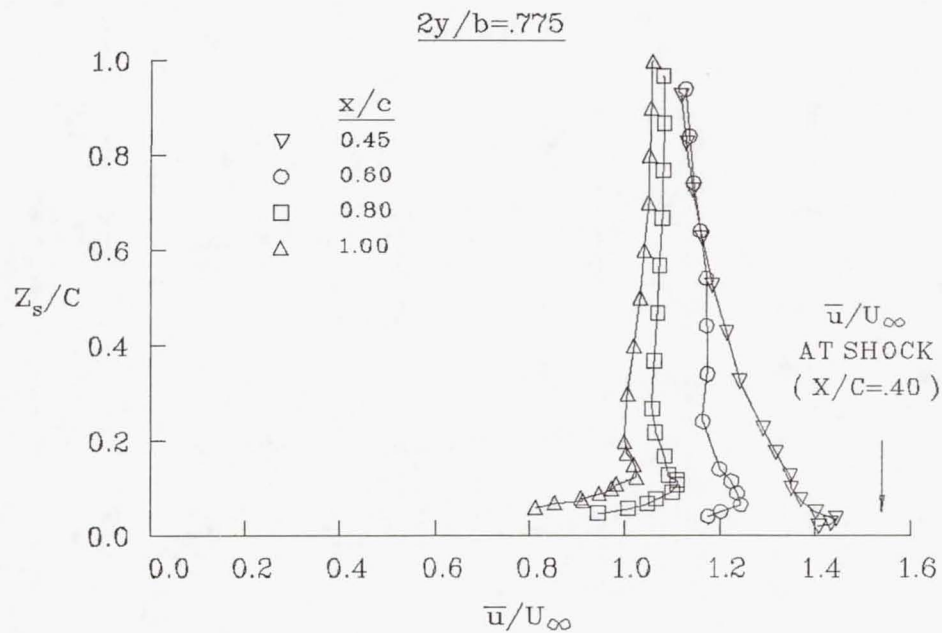
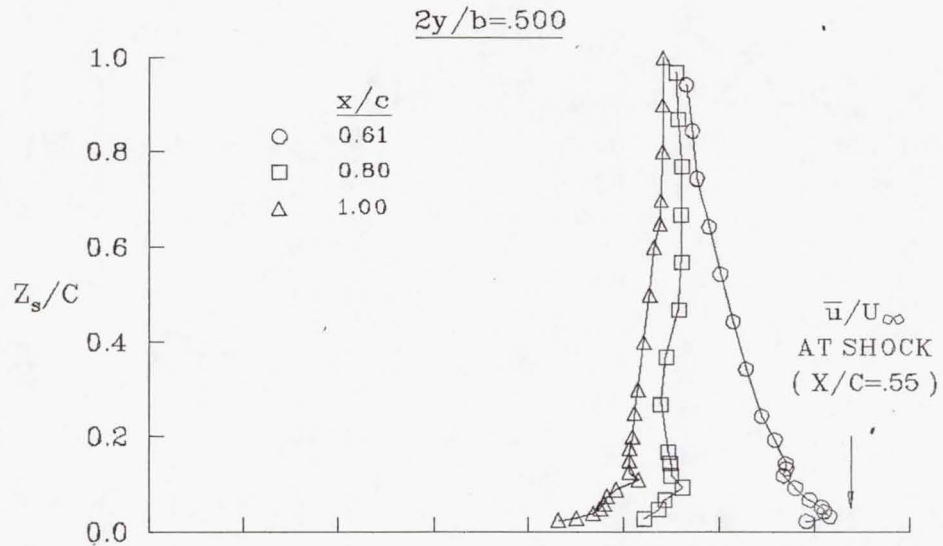
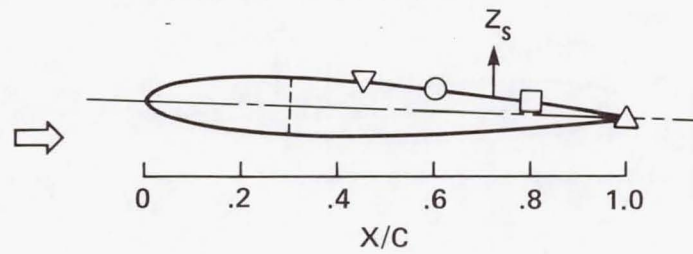


Figure 32.- Leeward flow-field surveys of "chordwise" velocity component;  
 $\alpha = 2^\circ$ ,  $M_\infty = 0.826$ ,  $Re_{\infty, c} = 8 \times 10^6$ .

$$\alpha = 2^\circ \quad M_\infty = 0.826 \quad Re_{\infty, c} = 8 \times 10^6$$

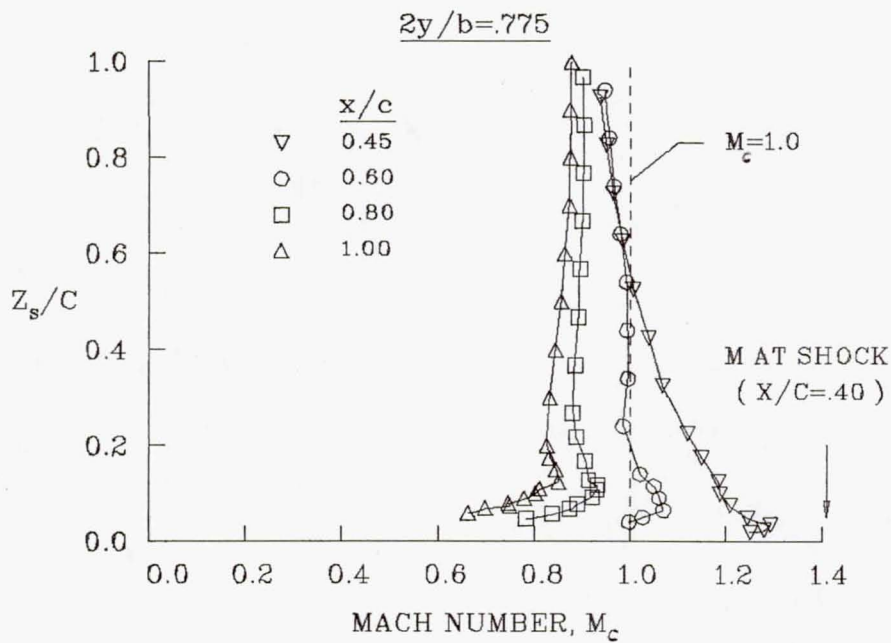
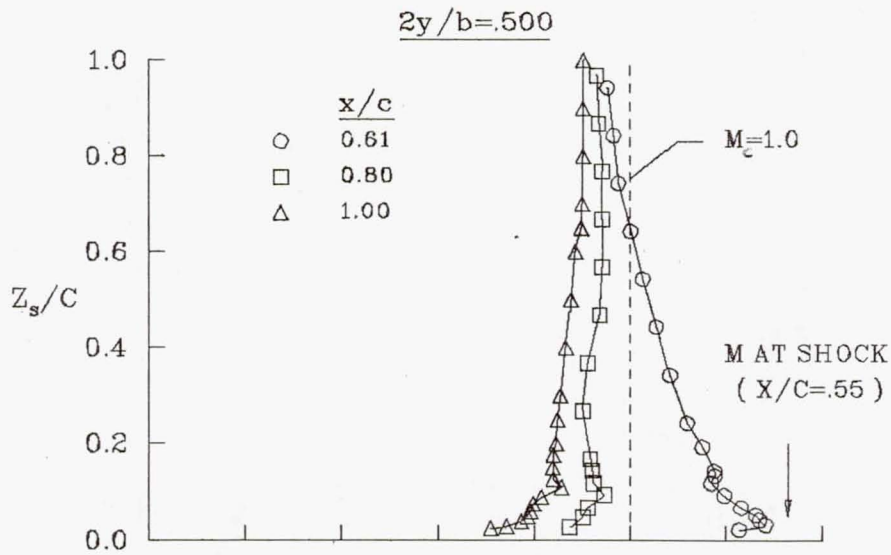
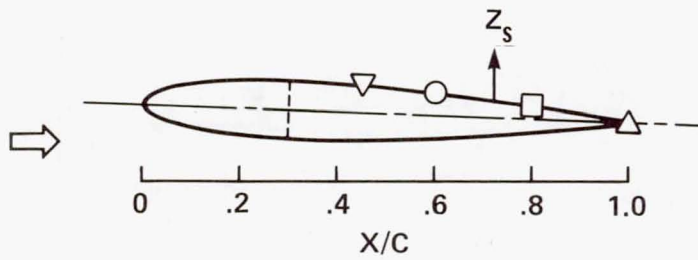


Figure 33.- Leeward flow-field surveys of "chordwise" Mach-number component;  
 $\alpha = 2^\circ$ ,  $M_\infty = 0.826$ ,  $Re_{\infty, c} = 8 \times 10^6$ .

$$\alpha = 2^\circ \quad M_{\infty} = 0.826 \quad Re_{\infty, c} = 8 \times 10^6$$

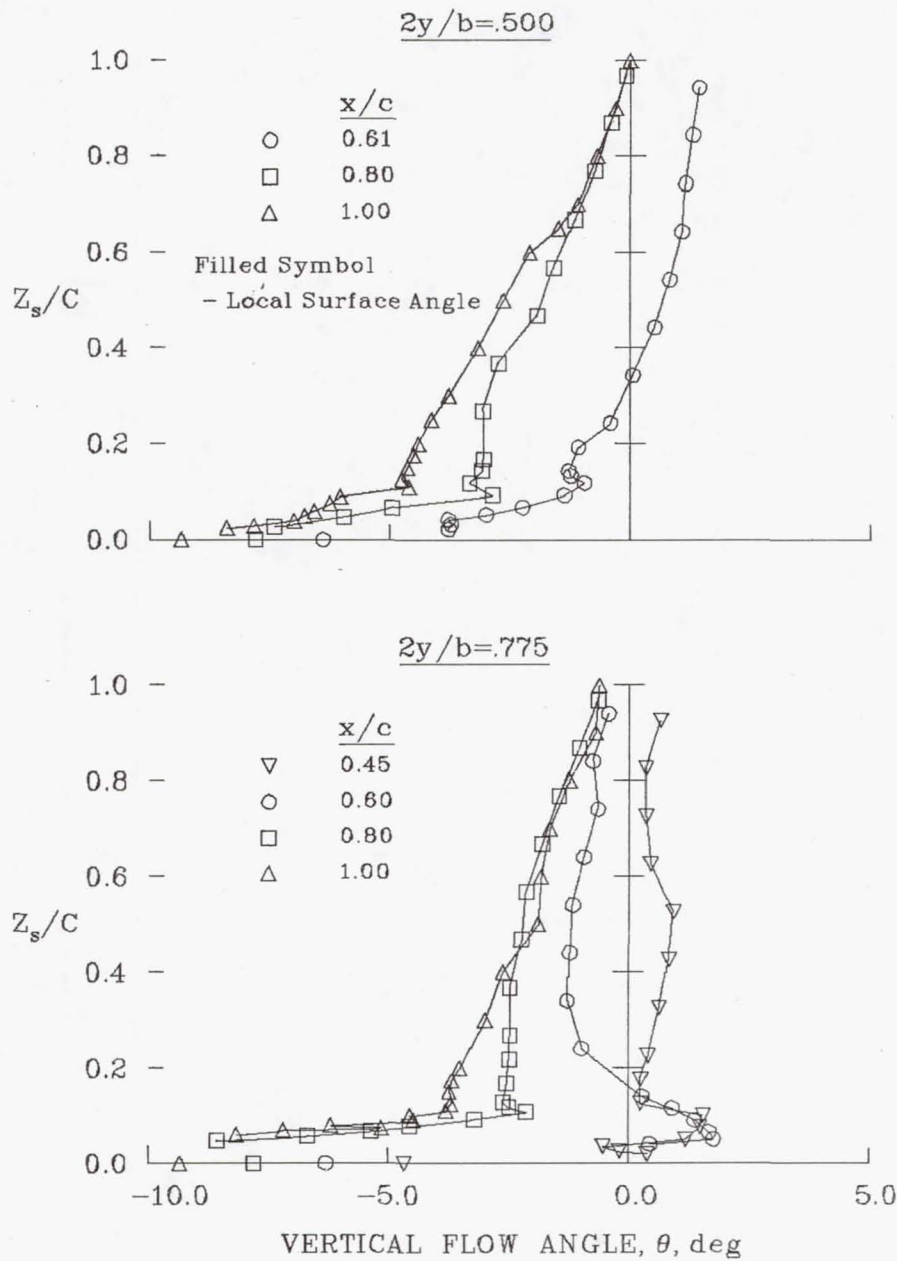
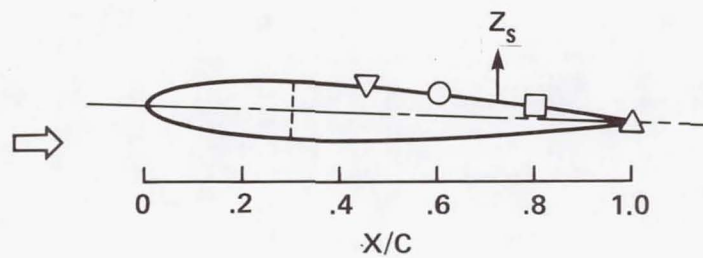


Figure 34.- Leeward flow-field surveys of vertical flow angle;  
 $\alpha = 2^\circ$ ,  $M_{\infty} = 0.826$ ,  $Re_{\infty, c} = 8 \times 10^6$ .



# APPENDIX A

## TABULATED WING PRESSURE DATA

Table		Page
A-I	WING PRESSURE DATA; ALPHA = 0 DEG . . . . .	86
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TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG

## WING PRESSURE DATA

(A) RUN= 88 ALPHA= 0 DEG MINF= 0.501 REC= 2.03E+06  
PT= 1.70 ATM= 25.0 PSIA TT= 263. DEG K= 474. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9793	0.173	0.9242		0.0000	0.000	0.0000		
0.0125	W 2	0.8561	0.476	0.0943	W 27	0.8657	0.459	0.1555		0.0000	0.000	0.0000		
0.0250	W 3	0.8073	0.562	-0.2344	W 28	0.8117	0.554	-0.2097		0.0000	0.000	0.0000		
0.0500	W 4	0.7781	0.610	-0.4315	W 29	0.7855	0.598	-0.3802		0.0000	0.000	0.0000		
0.1000	W 5	0.7738	0.617	-0.4603	W 30	0.7769	0.612	-0.4383		0.0000	0.000	0.0000		
0.1500	W 6	0.7781	0.610	-0.4311	W 31	0.7802	0.606	-0.4162		0.0000	0.000	0.0000		
0.2000	W 7	0.7823	0.603	-0.4032	W 32	0.7823	0.603	-0.4020		0.0000	0.000	0.0000		
0.2500	W 8	0.7848	0.599	-0.3860	W 33	0.7851	0.598	-0.3831		0.0000	0.000	0.0000		
0.3000	W 9	0.7876	0.594	-0.3676	W 34	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.7915	0.588	-0.3408	W 35	0.7924	0.586	-0.3336	W 51	0.7958	0.581	-0.3113		
0.3750		0.0000	0.000	0.0000	W 36	0.7943	0.583	-0.3213	W 52	0.7984	0.576	-0.2934		
0.4000	W 11	0.7956	0.581	-0.3136	W 37	0.7979	0.577	-0.2970	W 53	0.7999	0.574	-0.2833		
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.7988	0.576	-0.2908	W 54	0.8035	0.568	-0.2590		
0.4500	W 13	0.8014	0.571	-0.2741	W 39	0.8024	0.570	-0.2666	W 55	0.8054	0.565	-0.2465		
0.4750	W 14	0.8026	0.569	-0.2660	W 40	0.8053	0.565	-0.2467	W 56	0.8085	0.560	-0.2257		
0.5000	W 15	0.8055	0.565	-0.2467	W 41	0.8077	0.561	-0.2307	W 57	0.8103	0.557	-0.2133		
0.5250	W 16	0.8081	0.560	-0.2294	W 42	0.8094	0.558	-0.2193	W 58	0.8124	0.553	-0.1991		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.8113	0.555	-0.2064	W 59	0.8145	0.549	-0.1848		
0.5750	W 18	0.8116	0.554	-0.2053	W 44	0.8134	0.551	-0.1927		0.0000	0.000	0.0000		
0.6000	W 19	0.8139	0.550	-0.1898	W 45	0.8156	0.548	-0.1774	W 60	0.8188	0.542	-0.1561		
0.6250	W 20	0.8166	0.546	-0.1721	W 46	0.8178	0.544	-0.1626		0.0000	0.000	0.0000		
0.6500	W 21	0.8184	0.543	-0.1597	W 47	0.8192	0.541	-0.1531		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.8217	0.537	-0.1376	W 48	0.8239	0.533	-0.1215		0.0000	0.000	0.0000		
0.8000	W 24	0.8318	0.520	-0.0696	W 49	0.8333	0.517	-0.0584		0.0000	0.000	0.0000		
0.9000	W 25	0.8434	0.499	0.0089	W 50	0.8449	0.497	0.0195		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9774	0.181	0.9116		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.8710	0.449	0.1917		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.8254	0.531	-0.1174		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.7919	0.587	-0.3370		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.7802	0.606	-0.4174		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.7799	0.607	-0.4193		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.7835	0.601	-0.3947		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.7877	0.594	-0.3667		0.0000	0.000	0.0000	W 96	0.7903	0.590	-0.3489		
0.3000	W 69	0.7918	0.587	-0.3393		0.0000	0.000	0.0000	W 97	0.7960	0.580	-0.3105		
0.3250	W 70	0.7937	0.584	-0.3262		0.0000	0.000	0.0000	W 98	0.7985	0.576	-0.2941		
0.3500	W 71	0.7963	0.580	-0.3089	W 86	0.7938	0.584	-0.3258	W 99	0.8028	0.569	-0.2649		
0.3750	W 72	0.7972	0.578	-0.3028	W 87	0.7990	0.575	-0.2903	W100	0.8058	0.564	-0.2447		
0.4000	W 73	0.8008	0.572	-0.2784	W 88	0.8018	0.571	-0.2713	W101	0.8074	0.561	-0.2340		
0.4250	W 74	0.8033	0.568	-0.2612	W 89	0.8034	0.568	-0.2610		0.0000	0.000	0.0000		
0.4500	W 75	0.8056	0.564	-0.2459	W 90	0.8065	0.563	-0.2399	W102	0.8120	0.554	-0.2032		
0.4750	W 76	0.8076	0.561	-0.2325	W 91	0.8098	0.557	-0.2175		0.0000	0.000	0.0000		
0.5000	W 77	0.8107	0.556	-0.2113	W 92	0.8116	0.554	-0.2056	W103	0.8163	0.546	-0.1742		
0.5250	W 78	0.8122	0.553	-0.2015	W 93	0.8146	0.549	-0.1853		0.0000	0.000	0.0000		
0.5500	W 79	0.8139	0.551	-0.1903	W 94	0.8157	0.547	-0.1782	W104	0.8189	0.542	-0.1560		
0.5750	W 80	0.8158	0.547	-0.1774		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.8187	0.542	-0.1580	W 95	0.8196	0.541	-0.1518	W105	0.8230	0.535	-0.1287		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.8225	0.536	-0.1320		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.8269	0.528	-0.1023		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.8352	0.514	-0.0467		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.8456	0.495	0.0235		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

WING PRESSURE DATA												
(B) RUN= 91 ALPHA= 0 DEG MINF= 0.500 REC= 4.00E+06												
PT= 3.27 ATM= 48.0 PSIA TT= 257. DEG K= 463. DEG R												
2Y/B=.250				2Y/B=.500				2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9798	0.171	0.9274		0.0000	0.000	0.0000
0.0125	W 2	0.8566	0.475	0.0918	W 27	0.8781	0.435	0.2382		0.0000	0.000	0.0000
0.0250	W 3	0.8115	0.555	-0.2143	W 28	0.8250	0.532	-0.1222		0.0000	0.000	0.0000
0.0500	W 4	0.7820	0.603	-0.4146	W 29	0.7955	0.581	-0.3228		0.0000	0.000	0.0000
0.1000	W 5	0.7770	0.611	-0.4480	W 30	0.7838	0.600	-0.4025		0.0000	0.000	0.0000
0.1500	W 6	0.7801	0.606	-0.4274	W 31	0.7857	0.597	-0.3894		0.0000	0.000	0.0000
0.2000	W 7	0.7829	0.602	-0.4084	W 32	0.7851	0.598	-0.3936		0.0000	0.000	0.0000
0.2500	W 8	0.7875	0.594	-0.3771	W 33	0.7870	0.595	-0.3803		0.0000	0.000	0.0000
0.3000	W 9	0.7896	0.591	-0.3628	W 34	0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 10	0.7929	0.585	-0.3404	W 35	0.7943	0.583	-0.3309	W 51	0.7966	0.579	-0.3152
0.3750		0.0000	0.000	0.0000	W 36	0.7954	0.581	-0.3233	W 52	0.7991	0.575	-0.2984
0.4000	W 11	0.7971	0.579	-0.3121	W 37	0.7982	0.577	-0.3048	W 53	0.8009	0.572	-0.2864
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.7995	0.575	-0.2956	W 54	0.8042	0.567	-0.2640
0.4500	W 13	0.8023	0.570	-0.2764	W 39	0.8036	0.568	-0.2681	W 55	0.8063	0.563	-0.2497
0.4750	W 14	0.8061	0.564	-0.2509	W 40	0.8063	0.563	-0.2495	W 56	0.8086	0.559	-0.2342
0.5000	W 15	0.8070	0.562	-0.2445	W 41	0.8079	0.560	-0.2385	W 57	0.8112	0.555	-0.2165
0.5250	W 16	0.8085	0.559	-0.2343	W 42	0.8095	0.558	-0.2279	W 58	0.8128	0.552	-0.2057
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.8125	0.553	-0.2076	W 59	0.8155	0.548	-0.1872
0.5750	W 18	0.8125	0.553	-0.2071	W 44	0.8142	0.550	-0.1964		0.0000	0.000	0.0000
0.6000	W 19	0.8152	0.548	-0.1894	W 45	0.8167	0.546	-0.1794	W 60	0.8196	0.541	-0.1596
0.6250	W 20	0.8172	0.545	-0.1756	W 46	0.8189	0.542	-0.1641		0.0000	0.000	0.0000
0.6500	W 21	0.8190	0.542	-0.1635	W 47	0.8201	0.540	-0.1557		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.8227	0.536	-0.1385	W 48	0.8253	0.531	-0.1209		0.0000	0.000	0.0000
0.8000	W 24	0.8334	0.517	-0.0659	W 49	0.8342	0.516	-0.0604		0.0000	0.000	0.0000
0.9000	W 25	0.8443	0.498	0.0083	W 50	0.8449	0.497	0.0122		0.0000	0.000	0.0000
2Y/B=.775				2Y/B=.800				2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9775	0.180	0.9119		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.8768	0.437	0.2292		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.8274	0.527	-0.1057		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.7964	0.580	-0.3168		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.7847	0.599	-0.3963		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.7834	0.601	-0.4052		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.7867	0.596	-0.3823		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.7903	0.590	-0.3580		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3000	W 69	0.7935	0.584	-0.3365		0.0000	0.000	0.0000	W 96	0.7952	0.582	-0.3247
0.3250	W 70	0.7958	0.581	-0.3210		0.0000	0.000	0.0000	W 97	0.7990	0.575	-0.2993
0.3500	W 71	0.7975	0.578	-0.3096	W 86	0.7982	0.577	-0.3047	W 98	0.8010	0.572	-0.2852
0.3750	W 72	0.7999	0.574	-0.2934	W 87	0.8005	0.573	-0.2888	W 99	0.8038	0.567	-0.2668
0.4000	W 73	0.8020	0.570	-0.2789	W 88	0.8034	0.568	-0.2691	W100	0.8056	0.564	-0.2545
0.4250	W 74	0.8049	0.566	-0.2590	W 89	0.8047	0.566	-0.2608	W101	0.8073	0.562	-0.2428
0.4500	W 75	0.8072	0.562	-0.2438	W 90	0.8079	0.561	-0.2386		0.0000	0.000	0.0000
0.4750	W 76	0.8095	0.558	-0.2277	W 91	0.8110	0.555	-0.2176	W102	0.8121	0.554	-0.2102
0.5000	W 77	0.8121	0.553	-0.2103	W 92	0.8125	0.553	-0.2073		0.0000	0.000	0.0000
0.5250	W 78	0.8137	0.551	-0.1992	W 93	0.8133	0.551	-0.2020	W103	0.8164	0.546	-0.1810
0.5500	W 79	0.8154	0.548	-0.1876	W 94	0.8158	0.547	-0.1849		0.0000	0.000	0.0000
0.5750	W 80	0.8174	0.544	-0.1741		0.0000	0.000	0.0000	W104	0.8193	0.541	-0.1611
0.6000	W 81	0.8201	0.540	-0.1559	W 95	0.8208	0.539	-0.1515		0.0000	0.000	0.0000
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W105	0.8237	0.534	-0.1317
0.6500	W 82	0.8243	0.533	-0.1272		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.8283	0.526	-0.1002		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.8368	0.511	-0.0425		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.8468	0.493	0.0250		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

WING PRESSURE DATA  
 (C) RUN= 89 ALPHA= 0 DEG MINF= 0.499 REC= 5.81E+06  
 PT= 4.76 ATM= 69.9 PSIA TT= 257. DEG K= 463. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9810	0.166	0.9340		0.0000	0.000	0.0000		
0.0125	W 2	0.8629	0.464	0.1310	W 27	0.8746	0.442	0.2090		0.0000	0.000	0.0000		
0.0250	W 3	0.8153	0.548	-0.1931	W 28	0.8219	0.537	-0.1500		0.0000	0.000	0.0000		
0.0500	W 4	0.7861	0.597	-0.3918	W 29	0.7860	0.597	-0.3923		0.0000	0.000	0.0000		
0.1000	W 5	0.7807	0.605	-0.4285	W 30	0.7782	0.609	-0.4453		0.0000	0.000	0.0000		
0.1500	W 6	0.7817	0.604	-0.4215	W 31	0.7818	0.604	-0.4209		0.0000	0.000	0.0000		
0.2000	W 7	0.7857	0.597	-0.3940	W 32	0.7827	0.602	-0.4146		0.0000	0.000	0.0000		
0.2500	W 8	0.7896	0.591	-0.3676	W 33	0.7846	0.599	-0.4016		0.0000	0.000	0.0000		
0.3000	W 9	0.7909	0.589	-0.3590	W 34	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.7940	0.584	-0.3376	W 35	0.7942	0.583	-0.3366	W 51	0.7972	0.578	-0.3163		
0.3750		0.0000	0.000	0.0000	W 36	0.7944	0.583	-0.3349	W 52	0.7999	0.574	-0.2975		
0.4000	W 11	0.7985	0.576	-0.3072	W 37	0.7977	0.578	-0.3125	W 53	0.8017	0.571	-0.2856		
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.7996	0.574	-0.2995	W 54	0.8050	0.565	-0.2632		
0.4500	W 13	0.8038	0.567	-0.2712	W 39	0.8040	0.567	-0.2700	W 55	0.8073	0.562	-0.2473		
0.4750	W 14	0.8063	0.563	-0.2538	W 40	0.8069	0.562	-0.2503	W 56	0.8089	0.559	-0.2362		
0.5000	W 15	0.8087	0.559	-0.2377	W 41	0.8086	0.559	-0.2387	W 57	0.8116	0.554	-0.2181		
0.5250	W 16	0.8098	0.557	-0.2302	W 42	0.8098	0.557	-0.2304	W 58	0.8135	0.551	-0.2052		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.8133	0.552	-0.2067	W 59	0.8165	0.546	-0.1848		
0.5750	W 18	0.8140	0.550	-0.2015	W 44	0.8146	0.549	-0.1973		0.0000	0.000	0.0000		
0.6000	W 19	0.8165	0.546	-0.1844	W 45	0.8174	0.544	-0.1783	W 60	0.8206	0.539	-0.1569		
0.6250	W 20	0.8189	0.542	-0.1685	W 46	0.8200	0.540	-0.1610		0.0000	0.000	0.0000		
0.6500	W 21	0.8207	0.539	-0.1563	W 47	0.8215	0.538	-0.1509		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.8238	0.534	-0.1350	W 48	0.8265	0.529	-0.1170		0.0000	0.000	0.0000		
0.8000	W 24	0.8338	0.516	-0.0668	W 49	0.8356	0.513	-0.0549		0.0000	0.000	0.0000		
0.9000	W 25	0.8462	0.494	0.0172	W 50	0.8467	0.493	0.0211		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9782	0.178	0.9153		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.8764	0.438	0.2215		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.8279	0.527	-0.1088		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.7994	0.575	-0.3012		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.7845	0.599	-0.4017		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.7835	0.601	-0.4081		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.7873	0.595	-0.3826		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.7908	0.589	-0.3587		0.0000	0.000	0.0000	W 96	0.7964	0.580	-0.3207		
0.3000	W 69	0.7943	0.583	-0.3346		0.0000	0.000	0.0000	W 97	0.8004	0.573	-0.2936		
0.3250	W 70	0.7964	0.580	-0.3206		0.0000	0.000	0.0000	W 98	0.8021	0.570	-0.2828		
0.3500	W 71	0.7981	0.577	-0.3090	W 86	0.7993	0.575	-0.3010	W 99	0.8049	0.566	-0.2636		
0.3750	W 72	0.8004	0.573	-0.2931	W 87	0.8013	0.572	-0.2873	W 100	0.8067	0.563	-0.2516		
0.4000	W 73	0.8029	0.569	-0.2765	W 88	0.8045	0.566	-0.2656	W 101	0.8083	0.560	-0.2401		
0.4250	W 74	0.8057	0.564	-0.2575	W 89	0.8054	0.565	-0.2596		0.0000	0.000	0.0000		
0.4500	W 75	0.8077	0.561	-0.2434	W 90	0.8089	0.559	-0.2358	W 102	0.8133	0.551	-0.2064		
0.4750	W 76	0.8102	0.557	-0.2266	W 91	0.8117	0.554	-0.2167		0.0000	0.000	0.0000		
0.5000	W 77	0.8129	0.552	-0.2081	W 92	0.8136	0.551	-0.2038	W 103	0.8175	0.544	-0.1780		
0.5250	W 78	0.8143	0.550	-0.1987	W 93	0.8161	0.547	-0.1865		0.0000	0.000	0.0000		
0.5500	W 79	0.8163	0.546	-0.1852	W 94	0.8173	0.545	-0.1786	W 104	0.8205	0.539	-0.1574		
0.5750	W 80	0.8181	0.543	-0.1730		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.8211	0.538	-0.1524	W 95	0.8216	0.537	-0.1493	W 105	0.8251	0.531	-0.1262		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.8250	0.531	-0.1259		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.8291	0.524	-0.0982		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.8379	0.509	-0.0385		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.8478	0.491	0.0291		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

WING PRESSURE DATA												
(D) RUN= 87 ALPHA= 0 DEG MINF= 0.602 REC= 5.79E+06												
PT= 4.20 ATM= 61.8 PSIA TT= 262. DEG K= 471. DEG R												
2Y/B=.250					2Y/B=.500					2Y/B=.750		
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9728	0.199	0.9569		0.0000	0.000	0.0000
0.0125	W 2	0.8055	0.565	0.1122	W 27	0.8256	0.531	0.2152		0.0000	0.000	0.0000
0.0250	W 3	0.7376	0.674	-0.2305	W 28	0.7499	0.655	-0.1659		0.0000	0.000	0.0000
0.0500	W 4	0.6955	0.739	-0.4428	W 29	0.7065	0.722	-0.3854		0.0000	0.000	0.0000
0.1000	W 5	0.6850	0.756	-0.4959	W 30	0.6903	0.747	-0.4671		0.0000	0.000	0.0000
0.1500	W 6	0.6890	0.749	-0.4757	W 31	0.6925	0.744	-0.4560		0.0000	0.000	0.0000
0.2000	W 7	0.6925	0.744	-0.4580	W 32	0.6931	0.743	-0.4530		0.0000	0.000	0.0000
0.2500	W 8	0.6999	0.733	-0.4205	W 33	0.6980	0.735	-0.4283		0.0000	0.000	0.0000
0.3000	W 9	0.7027	0.728	-0.4063	W 34	0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 10	0.7075	0.721	-0.3821	W 35	0.0000	0.000	0.0000	W 51	0.7136	0.711	-0.3497
0.3750		0.0000	0.000	0.0000	W 36	0.7114	0.715	-0.3609	W 52	0.7177	0.705	-0.3290
0.4000	W 11	0.7152	0.709	-0.3432	W 37	0.7173	0.706	-0.3310	W 53	0.7206	0.700	-0.3143
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.7185	0.704	-0.3251	W 54	0.7258	0.692	-0.2883
0.4500	W 13	0.7224	0.698	-0.3070	W 39	0.7242	0.695	-0.2966	W 55	0.7291	0.687	-0.2719
0.4750	W 14	0.7248	0.694	-0.2947	W 40	0.7288	0.688	-0.2733	W 56	0.7336	0.680	-0.2490
0.5000	W 15	0.7297	0.686	-0.2703	W 41	0.7327	0.682	-0.2533	W 57	0.7372	0.675	-0.2310
0.5250	W 16	0.7314	0.684	-0.2614	W 42	0.7353	0.678	-0.2406	W 58	0.7400	0.670	-0.2166
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.7384	0.673	-0.2247	W 59	0.7428	0.666	-0.2025
0.5750	W 18	0.7377	0.674	-0.2296	W 44	0.7409	0.669	-0.2120		0.0000	0.000	0.0000
0.6000	W 19	0.7412	0.668	-0.2123	W 45	0.7447	0.663	-0.1928	W 60	0.7491	0.656	-0.1708
0.6250	W 20	0.7429	0.666	-0.2034	W 46	0.7482	0.657	-0.1752		0.0000	0.000	0.0000
0.6500	W 21	0.7455	0.662	-0.1906	W 47	0.7506	0.654	-0.1635		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.7530	0.650	-0.1527	W 48	0.7579	0.642	-0.1265		0.0000	0.000	0.0000
0.8000	W 24	0.7680	0.626	-0.0771	W 49	0.7710	0.621	-0.0605		0.0000	0.000	0.0000
0.9000	W 25	0.7844	0.599	0.0059	W 50	0.7888	0.592	0.0295		0.0000	0.000	0.0000
2Y/B=.775					2Y/B=.800					2Y/B=.900		
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9695	0.211	0.9401		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.8269	0.528	0.2218		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.7699	0.623	-0.0655		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.7180	0.704	-0.3274		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.6937	0.742	-0.4495		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.6926	0.744	-0.4550		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.6982	0.735	-0.4270		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.7040	0.726	-0.3979		0.0000	0.000	0.0000	W 96	0.7129	0.712	-0.3527
0.3000	W 69	0.7099	0.717	-0.3679		0.0000	0.000	0.0000	W 97	0.7193	0.702	-0.3205
0.3250	W 70	0.7133	0.712	-0.3508		0.0000	0.000	0.0000	W 98	0.7212	0.700	-0.3130
0.3500	W 71	0.7157	0.708	-0.3388	W 86	0.7168	0.706	-0.3331	W 99	0.7252	0.693	-0.2930
0.3750	W 72	0.7192	0.703	-0.3214	W 87	0.7214	0.699	-0.3100	W100	0.7281	0.689	-0.2781
0.4000	W 73	0.7229	0.697	-0.3023	W 88	0.7256	0.693	-0.2887	W101	0.7302	0.685	-0.2675
0.4250	W 74	0.7276	0.690	-0.2788	W 89	0.7275	0.690	-0.2794		0.0000	0.000	0.0000
0.4500	W 75	0.7313	0.684	-0.2599	W 90	0.7324	0.682	-0.2545	W102	0.7375	0.674	-0.2308
0.4750	W 76	0.7347	0.679	-0.2430	W 91	0.7367	0.675	-0.2329		0.0000	0.000	0.0000
0.5000	W 77	0.7377	0.674	-0.2277	W 92	0.7390	0.672	-0.2214	W103	0.7428	0.666	-0.2041
0.5250	W 78	0.7401	0.670	-0.2158	W 93	0.7418	0.667	-0.2073		0.0000	0.000	0.0000
0.5500	W 79	0.7439	0.664	-0.1965	W 94	0.7442	0.664	-0.1951	W104	0.7485	0.657	-0.1755
0.5750	W 80	0.7468	0.660	-0.1822		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6000	W 81	0.7509	0.653	-0.1615	W 95	0.7514	0.652	-0.1589	W105	0.7549	0.647	-0.1430
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6500	W 82	0.7568	0.644	-0.1318		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.7629	0.634	-0.1011		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.7755	0.614	-0.0375		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.7898	0.591	0.0346		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

## WING PRESSURE DATA

(E) RUN= 86 ALPHA= 0 DEG MINF= 0.695 REC= 5.90E+06  
PT= 3.88 ATM= 57.1 PSIA TT= 261. DEG K= 470. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9635	0.231	0.9773		0.0000	0.000	0.0000		
0.0125	W 2	0.7672	0.627	0.1764	W 27	0.7848	0.599	0.2466		0.0000	0.000	0.0000		
0.0250	W 3	0.6764	0.769	-0.1941	W 28	0.6886	0.750	-0.1464		0.0000	0.000	0.0000		
0.0500	W 4	0.6139	0.865	-0.4493	W 29	0.6232	0.851	-0.4132		0.0000	0.000	0.0000		
0.1000	W 5	0.5947	0.895	-0.5281	W 30	0.5955	0.893	-0.5263		0.0000	0.000	0.0000		
0.1500	W 6	0.5979	0.890	-0.5146	W 31	0.5975	0.890	-0.5181		0.0000	0.000	0.0000		
0.2000	W 7	0.6025	0.882	-0.4960	W 32	0.5978	0.890	-0.5168		0.0000	0.000	0.0000		
0.2500	W 8	0.6077	0.875	-0.4750	W 33	0.6052	0.878	-0.4866		0.0000	0.000	0.0000		
0.3000	W 9	0.6126	0.867	-0.4550	W 34	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.6186	0.858	-0.4302	W 35	0.0000	0.000	0.0000	W 51	0.6283	0.843	-0.3923		
0.3750		0.0000	0.000	0.0000	W 36	0.6250	0.848	-0.4056	W 52	0.6348	0.833	-0.3658		
0.4000	W 11	0.6279	0.843	-0.3923	W 37	0.6327	0.836	-0.3744	W 53	0.6394	0.826	-0.3469		
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.6348	0.833	-0.3656	W 54	0.6466	0.814	-0.3173		
0.4500	W 13	0.6398	0.825	-0.3437	W 39	0.6429	0.820	-0.3326	W 55	0.6517	0.807	-0.2967		
0.4750	W 14	0.6451	0.817	-0.3221	W 40	0.6490	0.811	-0.3077	W 56	0.6573	0.798	-0.2740		
0.5000	W 15	0.6497	0.810	-0.3035	W 41	0.6542	0.803	-0.2863	W 57	0.6618	0.791	-0.2552		
0.5250	W 16	0.6525	0.805	-0.2921	W 42	0.6582	0.797	-0.2701	W 58	0.6667	0.784	-0.2354		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.6629	0.789	-0.2509	W 59	0.6717	0.776	-0.2148		
0.5750	W 18	0.6613	0.792	-0.2559	W 44	0.6669	0.783	-0.2346		0.0000	0.000	0.0000		
0.6000	W 19	0.6668	0.783	-0.2335	W 45	0.6722	0.775	-0.2130	W 60	0.6803	0.763	-0.1799		
0.6250	W 20	0.6716	0.776	-0.2139	W 46	0.6769	0.768	-0.1938		0.0000	0.000	0.0000		
0.6500	W 21	0.6756	0.770	-0.1978	W 47	0.6804	0.763	-0.1794		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.6832	0.758	-0.1664	W 48	0.6904	0.747	-0.1385		0.0000	0.000	0.0000		
0.8000	W 24	0.7061	0.723	-0.0733	W 49	0.7086	0.719	-0.0643		0.0000	0.000	0.0000		
0.9000	W 25	0.7276	0.690	0.0147	W 50	0.7315	0.683	0.0296		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9601	0.242	0.9632		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7828	0.602	0.2386		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.7018	0.730	-0.0928		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.6280	0.843	-0.3936		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.6033	0.881	-0.4921		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.5979	0.890	-0.5141		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.6039	0.880	-0.4896		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.6126	0.867	-0.4539		0.0000	0.000	0.0000	W 96	0.6254	0.847	-0.4020		
0.3000	W 69	0.6222	0.852	-0.4149		0.0000	0.000	0.0000	W 97	0.6347	0.833	-0.3639		
0.3250	W 70	0.6264	0.846	-0.3978		0.0000	0.000	0.0000	W 98	0.6380	0.828	-0.3512		
0.3500	W 71	0.6299	0.840	-0.3836	W 86	0.6327	0.836	-0.3720	W 99	0.6439	0.819	-0.3272		
0.3750	W 72	0.6361	0.831	-0.3581	W 87	0.6385	0.827	-0.3484	W 100	0.6485	0.812	-0.3082		
0.4000	W 73	0.6419	0.822	-0.3344	W 88	0.6444	0.818	-0.3241	W 101	0.6530	0.805	-0.2897		
0.4250	W 74	0.6477	0.813	-0.3107	W 89	0.6482	0.812	-0.3087		0.0000	0.000	0.0000		
0.4500	W 75	0.6529	0.805	-0.2897	W 90	0.6546	0.802	-0.2828	W 102	0.6634	0.789	-0.2473		
0.4750	W 76	0.6581	0.797	-0.2683	W 91	0.6602	0.794	-0.2597		0.0000	0.000	0.0000		
0.5000	W 77	0.6636	0.788	-0.2460	W 92	0.6651	0.786	-0.2396	W 103	0.6726	0.774	-0.2097		
0.5250	W 78	0.6672	0.783	-0.2311	W 93	0.6692	0.780	-0.2231		0.0000	0.000	0.0000		
0.5500	W 79	0.6712	0.777	-0.2149	W 94	0.6731	0.774	-0.2070	W 104	0.6798	0.764	-0.1806		
0.5750	W 80	0.6750	0.771	-0.1992		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6806	0.762	-0.1765	W 95	0.6817	0.761	-0.1720	W 105	0.6881	0.751	-0.1464		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6887	0.750	-0.1436		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6968	0.737	-0.1104		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.7138	0.711	-0.0409		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.7329	0.681	0.0369		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. - WING PRESSURE DATA; ALPHA = 0 DEG - Continued

WING PRESSURE DATA  
 (F) RUN= 98 ALPHA= 0 DEG MINF= 0.755 REC= 7.91E+06  
 PT= 4.89 ATM= 71.9 PSIA TT= 258. DEG K= 465. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9582	0.248	0.9982		W 51	0.5640	0.943	-0.4438	
0.0125	W 2	0.7381	0.673	0.1943	W 27	0.7611	0.637	0.2778		W 52	0.5738	0.927	-0.4079	
0.0250	W 3	0.6391	0.826	-0.1671	W 28	0.6543	0.803	-0.1126		W 53	0.5774	0.922	-0.3947	
0.0500	W 4	0.5611	0.947	-0.4521	W 29	0.5723	0.930	-0.4134		W 54	0.5887	0.904	-0.3536	
0.1000	W 5	0.5272	1.002	-0.5760	W 30	0.5258	1.004	-0.5835		W 55	0.5947	0.895	-0.3314	
0.1500	W 6	0.5269	1.002	-0.5770	W 31	0.5231	1.008	-0.5932		W 56	0.6033	0.881	-0.3000	
0.2000	W 7	0.5268	1.002	-0.5775	W 32	0.5188	1.016	-0.6093		W 57	0.6089	0.873	-0.2795	
0.2500	W 8	0.5328	0.993	-0.5555	W 33	0.5260	1.004	-0.5827		W 58	0.6148	0.863	-0.2579	
0.3000	W 9	0.5395	0.982	-0.5310	W 34	0.0000	0.000	0.0000		W 59	0.6214	0.853	-0.2340	
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.3500	W 10	0.5482	0.968	-0.4994	W 35	0.5510	0.963	-0.4913		W 60	0.6326	0.836	-0.1927	
0.3750		0.0000	0.000	0.0000	W 36	0.5575	0.953	-0.4676			0.0000	0.000	0.0000	
0.4000	W 11	0.5599	0.949	-0.4564	W 37	0.5680	0.937	-0.4293			0.0000	0.000	0.0000	
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.5724	0.930	-0.4130			0.0000	0.000	0.0000	
0.4500	W 13	0.5778	0.921	-0.3911	W 39	0.5829	0.913	-0.3746			0.0000	0.000	0.0000	
0.4750	W 14	0.5842	0.911	-0.3680	W 40	0.5909	0.901	-0.3456			0.0000	0.000	0.0000	
0.5000	W 15	0.5909	0.901	-0.3432	W 41	0.5972	0.891	-0.3224			0.0000	0.000	0.0000	
0.5250	W 16	0.5943	0.895	-0.3310	W 42	0.6028	0.882	-0.3019			0.0000	0.000	0.0000	
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.6093	0.872	-0.2779			0.0000	0.000	0.0000	
0.5750	W 18	0.6065	0.876	-0.2862	W 44	0.6142	0.864	-0.2600			0.0000	0.000	0.0000	
0.6000	W 19	0.6130	0.866	-0.2624	W 45	0.6213	0.853	-0.2344			0.0000	0.000	0.0000	
0.6250	W 20	0.6185	0.858	-0.2426	W 46	0.6274	0.844	-0.2120			0.0000	0.000	0.0000	
0.6500	W 21	0.6237	0.850	-0.2236	W 47	0.6326	0.837	-0.1951			0.0000	0.000	0.0000	
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 23	0.6347	0.833	-0.1834	W 48	0.6439	0.819	-0.1516			0.0000	0.000	0.0000	
0.8000	W 24	0.6591	0.795	-0.0941	W 49	0.6668	0.784	-0.0680			0.0000	0.000	0.0000	
0.9000	W 25	0.6888	0.750	0.0142	W 50	0.6941	0.741	0.0321			0.0000	0.000	0.0000	

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 61	0.9522	0.266	0.9760		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0125	W 62	0.7720	0.619	0.3178		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0250	W 63	0.6718	0.776	-0.0485		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0500	W 64	0.5717	0.931	-0.4157		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1000	W 65	0.5202	1.013	-0.6039		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1500	W 66	0.5063	1.036	-0.6547		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2000	W 67	0.5132	1.025	-0.6295		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2500	W 68	0.5365	0.987	-0.5445		0.0000	0.000	0.0000		W 96	0.5575	0.953	-0.4677	
0.3000	W 69	0.5530	0.960	-0.4840		0.0000	0.000	0.0000		W 97	0.5720	0.930	-0.4146	
0.3250	W 70	0.5582	0.952	-0.4649		0.0000	0.000	0.0000		W 98	0.5769	0.922	-0.3943	
0.3500	W 71	0.5655	0.940	-0.4382	W 86	0.5692	0.935	-0.4250		W 99	0.5850	0.910	-0.3647	
0.3750	W 72	0.5753	0.925	-0.4024	W 87	0.5780	0.921	-0.3925		W100	0.5909	0.901	-0.3432	
0.4000	W 73	0.5831	0.913	-0.3740	W 88	0.5865	0.908	-0.3617		W101	0.5969	0.891	-0.3212	
0.4250	W 74	0.5909	0.901	-0.3455	W 89	0.5919	0.899	-0.3419			0.0000	0.000	0.0000	
0.4500	W 75	0.5981	0.889	-0.3191	W 90	0.6001	0.886	-0.3117		W102	0.6099	0.871	-0.2737	
0.4750	W 76	0.6046	0.879	-0.2953	W 91	0.6074	0.875	-0.2853			0.0000	0.000	0.0000	
0.5000	W 77	0.6115	0.868	-0.2700	W 92	0.6141	0.864	-0.2605		W103	0.6223	0.852	-0.2285	
0.5250	W 78	0.6166	0.861	-0.2514	W 93	0.6181	0.858	-0.2459			0.0000	0.000	0.0000	
0.5500	W 79	0.6215	0.853	-0.2334	W 94	0.6237	0.850	-0.2255		W104	0.6301	0.840	-0.2000	
0.5750	W 80	0.6259	0.846	-0.2174		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6000	W 81	0.6332	0.835	-0.1907	W 95	0.6350	0.832	-0.1841		W105	0.6409	0.823	-0.1607	
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6500	W 82	0.6429	0.820	-0.1553		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 83	0.6533	0.804	-0.1174		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.8000	W 84	0.6741	0.772	-0.0412		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.9000	W 85	0.6971	0.737	0.0428		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

(G) RUN= 97 ALPHA= 0 DEG MINF= 0.764 REC= 7.89E+06  
 PT= 4.86 ATM= 71.4 PSIA TT= 258. DEG K= 465. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9570	0.251	0.9996		0.0000	0.000	0.0000		
0.0125	W 2	0.7396	0.671	0.2162	W 27	0.7562	0.645	0.2760		0.0000	0.000	0.0000		
0.0250	W 3	0.6427	0.820	-0.1330	W 28	0.6478	0.813	-0.1147		0.0000	0.000	0.0000		
0.0500	W 4	0.5629	0.945	-0.4207	W 29	0.5642	0.942	-0.4170		0.0000	0.000	0.0000		
0.1000	W 5	0.5252	1.005	-0.5566	W 30	0.5147	1.022	-0.5954		0.0000	0.000	0.0000		
0.1500	W 6	0.5220	1.010	-0.5682	W 31	0.5105	1.029	-0.6107		0.0000	0.000	0.0000		
0.2000	W 7	0.5176	1.017	-0.5840	W 32	0.5043	1.039	-0.6330		0.0000	0.000	0.0000		
0.2500	W 8	0.5242	1.007	-0.5600	W 33	0.5113	1.028	-0.6078		0.0000	0.000	0.0000		
0.3000	W 9	0.5296	0.998	-0.5407	W 34	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.5377	0.985	-0.5114	W 35	0.5397	0.982	-0.5054	W 51	0.5545	0.958	-0.4520		
0.3750		0.0000	0.000	0.0000	W 36	0.5463	0.971	-0.4815	W 52	0.5647	0.942	-0.4150		
0.4000	W 11	0.5503	0.965	-0.4660	W 37	0.5573	0.954	-0.4420	W 53	0.5688	0.935	-0.4002		
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.5628	0.945	-0.4222	W 54	0.5802	0.917	-0.3592		
0.4500	W 13	0.5683	0.936	-0.4013	W 39	0.5736	0.928	-0.3832	W 55	0.5865	0.907	-0.3367		
0.4750	W 14	0.5736	0.928	-0.3820	W 40	0.5820	0.915	-0.3529	W 56	0.5944	0.895	-0.3080		
0.5000	W 15	0.5815	0.915	-0.3535	W 41	0.5880	0.905	-0.3312	W 57	0.6009	0.885	-0.2847		
0.5250	W 16	0.5852	0.909	-0.3403	W 42	0.5934	0.897	-0.3118	W 58	0.6067	0.876	-0.2637		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.6012	0.885	-0.2836	W 59	0.6140	0.865	-0.2374		
0.5750	W 18	0.5980	0.890	-0.2942	W 44	0.6063	0.877	-0.2652		0.0000	0.000	0.0000		
0.6000	W 19	0.6045	0.879	-0.2709	W 45	0.6136	0.865	-0.2388	W 60	0.6256	0.847	-0.1956		
0.6250	W 20	0.6095	0.872	-0.2527	W 46	0.6198	0.856	-0.2166		0.0000	0.000	0.0000		
0.6500	W 21	0.6145	0.864	-0.2346	W 47	0.6246	0.848	-0.1992		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.6271	0.845	-0.1894	W 48	0.6369	0.829	-0.1549		0.0000	0.000	0.0000		
0.8000	W 24	0.6521	0.806	-0.0993	W 49	0.6604	0.793	-0.0700		0.0000	0.000	0.0000		
0.9000	W 25	0.6820	0.760	0.0087	W 50	0.6869	0.753	0.0256		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9536	0.261	0.9873		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7514	0.652	0.2587		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6543	0.803	-0.0911		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5628	0.945	-0.4221		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.5090	1.032	-0.6155		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4921	1.060	-0.6763		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4966	1.052	-0.6598		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.5239	1.007	-0.5617		0.0000	0.000	0.0000	W 96	0.5473	0.969	-0.4772		
0.3000	W 69	0.5422	0.978	-0.4958		0.0000	0.000	0.0000	W 97	0.5627	0.945	-0.4218		
0.3250	W 70	0.5484	0.968	-0.4732		0.0000	0.000	0.0000	W 98	0.5685	0.936	-0.4005		
0.3500	W 71	0.5562	0.955	-0.4453	W 86	0.5609	0.948	-0.4281	W 99	0.5771	0.922	-0.3694		
0.3750	W 72	0.5663	0.939	-0.4087	W 87	0.5693	0.934	-0.3979	W100	0.5838	0.912	-0.3454		
0.4000	W 73	0.5745	0.926	-0.3792	W 88	0.5782	0.920	-0.3660	W101	0.5899	0.902	-0.3232		
0.4250	W 74	0.5829	0.913	-0.3488	W 89	0.5837	0.912	-0.3459		0.0000	0.000	0.0000		
0.4500	W 75	0.5900	0.902	-0.3233	W 90	0.5924	0.898	-0.3146	W102	0.6035	0.881	-0.2743		
0.4750	W 76	0.5970	0.891	-0.2980	W 91	0.6002	0.886	-0.2864		0.0000	0.000	0.0000		
0.5000	W 77	0.6042	0.880	-0.2721	W 92	0.6067	0.876	-0.2633	W103	0.6155	0.862	-0.2309		
0.5250	W 78	0.6094	0.872	-0.2536	W 93	0.6106	0.870	-0.2490		0.0000	0.000	0.0000		
0.5500	W 79	0.6146	0.864	-0.2346	W 94	0.6165	0.861	-0.2278	W104	0.6248	0.848	-0.1976		
0.5750	W 80	0.6194	0.856	-0.2175		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6268	0.845	-0.1908	W 95	0.6285	0.842	-0.1845	W105	0.6359	0.831	-0.1574		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6368	0.830	-0.1548		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6475	0.813	-0.1162		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6690	0.780	-0.0387		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6922	0.744	0.0451		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

WING PRESSURE DATA  
(H) RUN= 94 ALPHA= 0 DEG MINF= 0.774 REC= 7.97E+06  
PT= 4.83 ATM= 71.1 PSIA TT= 257. DEG K= 463. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9570	0.252	1.0065			0.0000	0.000	0.0000	
0.0125	W 2	0.7381	0.673	0.2322	W 27	0.7535	0.649	0.2858			0.0000	0.000	0.0000	
0.0250	W 3	0.6415	0.822	-0.1099	W 28	0.6416	0.822	-0.1103			0.0000	0.000	0.0000	
0.0500	W 4	0.5584	0.952	-0.4039	W 29	0.5580	0.952	-0.4067			0.0000	0.000	0.0000	
0.1000	W 5	0.5176	1.017	-0.5486	W 30	0.5033	1.041	-0.6004			0.0000	0.000	0.0000	
0.1500	W 6	0.5124	1.026	-0.5669	W 31	0.4964	1.052	-0.6248			0.0000	0.000	0.0000	
0.2000	W 7	0.5050	1.038	-0.5932	W 32	0.4901	1.063	-0.6472			0.0000	0.000	0.0000	
0.2500	W 8	0.5101	1.030	-0.5752	W 33	0.4870	1.068	-0.6580			0.0000	0.000	0.0000	
0.3000	W 9	0.5144	1.023	-0.5599	W 34	0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.3500	W 10	0.5228	1.009	-0.5301	W 35	0.5255	1.005	-0.5217		W 51	0.5429	0.976	-0.4603	
0.3750		0.0000	0.000	0.0000	W 36	0.5340	0.991	-0.4915		W 52	0.5535	0.959	-0.4225	
0.4000	W 11	0.5371	0.986	-0.4793	W 37	0.5463	0.971	-0.4480		W 53	0.5582	0.952	-0.4061	
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.5517	0.962	-0.4290		W 54	0.5700	0.933	-0.3643	
0.4500	W 13	0.5565	0.955	-0.4108	W 39	0.5628	0.945	-0.3895		W 55	0.5770	0.922	-0.3395	
0.4750	W 14	0.5639	0.943	-0.3844	W 40	0.5714	0.931	-0.3590		W 56	0.5857	0.909	-0.3086	
0.5000	W 15	0.5710	0.932	-0.3595	W 41	0.5790	0.919	-0.3323		W 57	0.5920	0.899	-0.2862	
0.5250	W 16	0.5750	0.925	-0.3452	W 42	0.5851	0.910	-0.3105		W 58	0.5979	0.890	-0.2652	
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5920	0.899	-0.2862		W 59	0.6052	0.878	-0.2393	
0.5750	W 18	0.5881	0.905	-0.2990	W 44	0.5976	0.890	-0.2665			0.0000	0.000	0.0000	
0.6000	W 19	0.5954	0.894	-0.2730	W 45	0.6049	0.879	-0.2404		W 60	0.6173	0.860	-0.1967	
0.6250	W 20	0.6012	0.885	-0.2526	W 46	0.6116	0.868	-0.2170			0.0000	0.000	0.0000	
0.6500	W 21	0.6070	0.875	-0.2318	W 47	0.6164	0.861	-0.1999			0.0000	0.000	0.0000	
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 23	0.6186	0.858	-0.1908	W 48	0.6291	0.841	-0.1546			0.0000	0.000	0.0000	
0.8000	W 24	0.6446	0.817	-0.0988	W 49	0.6534	0.804	-0.0686			0.0000	0.000	0.0000	
0.9000	W 25	0.6760	0.769	0.0123	W 50	0.6825	0.759	0.0343			0.0000	0.000	0.0000	

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 61	0.9548	0.258	0.9989		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0125	W 62	0.7516	0.652	0.2793		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0250	W 63	0.6638	0.788	-0.0317		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0500	W 64	0.5570	0.954	-0.4101		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1000	W 65	0.4999	1.047	-0.6125		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1500	W 66	0.4727	1.092	-0.7088		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2000	W 67	0.4682	1.100	-0.7247		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2500	W 68	0.5134	1.024	-0.5646		0.0000	0.000	0.0000		W 96	0.5351	0.989	-0.4878	
0.3000	W 69	0.5300	0.997	-0.5058		0.0000	0.000	0.0000		W 97	0.5513	0.963	-0.4304	
0.3250	W 70	0.5368	0.986	-0.4818		0.0000	0.000	0.0000		W 98	0.5574	0.953	-0.4074	
0.3500	W 71	0.5445	0.974	-0.4544	W 86	0.5494	0.966	-0.4373		W 99	0.5662	0.939	-0.3764	
0.3750	W 72	0.5563	0.955	-0.4128	W 87	0.5586	0.951	-0.4045		W100	0.5739	0.927	-0.3493	
0.4000	W 73	0.5642	0.942	-0.3846	W 88	0.5679	0.937	-0.3716		W101	0.5795	0.918	-0.3293	
0.4250	W 74	0.5730	0.929	-0.3537	W 89	0.5739	0.927	-0.3503			0.0000	0.000	0.0000	
0.4500	W 75	0.5803	0.917	-0.3277	W 90	0.5829	0.913	-0.3186		W102	0.5935	0.897	-0.2798	
0.4750	W 76	0.5874	0.906	-0.3026	W 91	0.5908	0.901	-0.2905			0.0000	0.000	0.0000	
0.5000	W 77	0.5950	0.894	-0.2757	W 92	0.5974	0.890	-0.2670		W103	0.6066	0.876	-0.2332	
0.5250	W 78	0.5999	0.886	-0.2581	W 93	0.6031	0.882	-0.2470			0.0000	0.000	0.0000	
0.5500	W 79	0.6057	0.877	-0.2376	W 94	0.6081	0.874	-0.2292		W104	0.6159	0.862	-0.2006	
0.5750	W 80	0.6106	0.870	-0.2205		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6000	W 81	0.6180	0.858	-0.1940	W 95	0.6199	0.856	-0.1874		W105	0.6277	0.844	-0.1587	
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6500	W 82	0.6288	0.842	-0.1560		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 83	0.6396	0.825	-0.1178		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.8000	W 84	0.6616	0.791	-0.0397		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.9000	W 85	0.6856	0.755	0.0452		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

WING PRESSURE DATA  
 (1) RUN= 96 ALPHA= 0 DEG MINF= 0.785 REC= 7.82E+06  
 PT= 4.75 ATM= 69.8 PSIA TT= 259. DEG K= 466. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9548	0.258	1.0063		0.0000	0.000	0.0000		
0.0125	W 2	0.7381	0.673	0.2530	W 27	0.7508	0.653	0.2961		0.0000	0.000	0.0000		
0.0250	W 3	0.6287	0.842	-0.1275	W 28	0.6389	0.826	-0.0936		0.0000	0.000	0.0000		
0.0500	W 4	0.5420	0.978	-0.4293	W 29	0.5487	0.967	-0.4059		0.0000	0.000	0.0000		
0.1000	W 5	0.4973	1.051	-0.5848	W 30	0.4929	1.058	-0.6001		0.0000	0.000	0.0000		
0.1500	W 6	0.4952	1.054	-0.5919	W 31	0.4795	1.081	-0.6468		0.0000	0.000	0.0000		
0.2000	W 7	0.4916	1.060	-0.6045	W 32	0.4688	1.099	-0.6842		0.0000	0.000	0.0000		
0.2500	W 8	0.4852	1.071	-0.6269	W 33	0.4617	1.112	-0.7088		0.0000	0.000	0.0000		
0.3000	W 9	0.4852	1.071	-0.6269	W 34	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.5002	1.046	-0.5745	W 35	0.5087	1.032	-0.5454	W 51	0.5353	0.989	-0.4526		
0.3750		0.0000	0.000	0.0000	W 36	0.5209	1.012	-0.5027	W 52	0.5439	0.975	-0.4229		
0.4000	W 11	0.5204	1.013	-0.5045	W 37	0.5345	0.990	-0.4555	W 53	0.5482	0.968	-0.4079		
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.5404	0.980	-0.4349	W 54	0.5600	0.949	-0.3668		
0.4500	W 13	0.5424	0.977	-0.4279	W 39	0.5518	0.962	-0.3953	W 55	0.5668	0.938	-0.3432		
0.4750	W 14	0.5501	0.965	-0.4011	W 40	0.5610	0.948	-0.3634	W 56	0.5755	0.925	-0.3127		
0.5000	W 15	0.5585	0.952	-0.3719	W 41	0.5687	0.935	-0.3366	W 57	0.5823	0.914	-0.2893		
0.5250	W 16	0.5630	0.944	-0.3561	W 42	0.5752	0.925	-0.3138	W 58	0.5885	0.904	-0.2675		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5824	0.914	-0.2890	W 59	0.5958	0.893	-0.2423		
0.5750	W 18	0.5776	0.921	-0.3055	W 44	0.5878	0.905	-0.2702		0.0000	0.000	0.0000		
0.6000	W 19	0.5850	0.910	-0.2796	W 45	0.5956	0.893	-0.2430	W 60	0.6082	0.874	-0.1992		
0.6250	W 20	0.5913	0.900	-0.2577	W 46	0.6025	0.883	-0.2190		0.0000	0.000	0.0000		
0.6500	W 21	0.5969	0.891	-0.2383	W 47	0.6077	0.874	-0.2007		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.6099	0.871	-0.1928	W 48	0.6209	0.854	-0.1548		0.0000	0.000	0.0000		
0.8000	W 24	0.6370	0.829	-0.0986	W 49	0.6462	0.815	-0.0670		0.0000	0.000	0.0000		
0.9000	W 25	0.6691	0.780	0.0131	W 50	0.6756	0.770	0.0355		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9504	0.271	0.9911		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7448	0.663	0.2753		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6438	0.819	-0.0763		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5501	0.965	-0.4011		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4868	1.069	-0.6245		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4557	1.122	-0.7327		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4448	1.141	-0.7709		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4436	1.143	-0.7750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3000	W 69	0.5308	0.996	-0.4713		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3250	W 70	0.5318	0.994	-0.4679		0.0000	0.000	0.0000	W 96	0.5281	1.000	-0.4806		
0.3500	W 71	0.5359	0.988	-0.4536	W 86	0.5379	0.984	-0.4465	W 97	0.5397	0.982	-0.4402		
0.3750	W 72	0.5439	0.975	-0.4255	W 87	0.5483	0.968	-0.4103	W 98	0.5446	0.974	-0.4202		
0.4000	W 73	0.5522	0.962	-0.3967	W 88	0.5573	0.953	-0.3787	W 99	0.5536	0.959	-0.3887		
0.4250	W 74	0.5623	0.945	-0.3614	W 89	0.5635	0.944	-0.3574	W100	0.5608	0.948	-0.3640		
0.4500	W 75	0.5704	0.933	-0.3331	W 90	0.5724	0.930	-0.3262	W101	0.5674	0.937	-0.3408		
0.4750	W 76	0.5776	0.921	-0.3082	W 91	0.5804	0.917	-0.2984		0.0000	0.000	0.0000		
0.5000	W 77	0.5833	0.912	-0.2883	W 92	0.5861	0.908	-0.2786	W102	0.5821	0.914	-0.2897		
0.5250	W 78	0.5888	0.904	-0.2691	W 93	0.5900	0.902	-0.2648		0.0000	0.000	0.0000		
0.5500	W 79	0.5962	0.892	-0.2433	W 94	0.5962	0.892	-0.2435	W103	0.5960	0.893	-0.2415		
0.5750	W 80	0.6014	0.884	-0.2254		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6089	0.873	-0.1990	W 95	0.6106	0.870	-0.1932	W104	0.6047	0.879	-0.2112		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W105	0.6166	0.861	-0.1696		
0.6500	W 82	0.6195	0.856	-0.1620		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6309	0.839	-0.1225		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6535	0.804	-0.0436		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6784	0.766	0.0429		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

(J) RUN= 93 ALPHA= 0 DEG MINF= 0.795 REC= 7.99E+06  
PT= 4.78 ATM= 70.2 PSIA TT= 257. DEG K= 463. DEG R

2Y/B= .250					2Y/B= .500					2Y/B= .750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9528	0.264	1.0064		W 51	0.0000	0.000	0.0000	
0.0125	W 2	0.7315	0.684	0.2468	W 27	0.7464	0.660	0.2988		W 52	0.0000	0.000	0.0000	
0.0250	W 3	0.6301	0.840	-0.1010	W 28	0.6325	0.836	-0.0918		W 53	0.0000	0.000	0.0000	
0.0500	W 4	0.5416	0.979	-0.4046	W 29	0.5488	0.967	-0.3777		W 54	0.0000	0.000	0.0000	
0.1000	W 5	0.4906	1.062	-0.5797	W 30	0.4876	1.067	-0.5875		W 55	0.0000	0.000	0.0000	
0.1500	W 6	0.4910	1.061	-0.5781	W 31	0.4725	1.093	-0.6391		W 56	0.0000	0.000	0.0000	
0.2000	W 7	0.4794	1.081	-0.6180	W 32	0.4592	1.116	-0.6849		W 57	0.0000	0.000	0.0000	
0.2500	W 8	0.4746	1.089	-0.6345	W 33	0.4458	1.139	-0.7307		W 58	0.0000	0.000	0.0000	
0.3000	W 9	0.4740	1.090	-0.6365	W 34	0.0000	0.000	0.0000		W 59	0.0000	0.000	0.0000	
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		W 60	0.0000	0.000	0.0000	
0.3500	W 10	0.4664	1.103	-0.6626	W 35	0.4582	1.118	-0.6883						
0.3750		0.0000	0.000	0.0000	W 36	0.4984	1.049	-0.5505						
0.4000	W 11	0.5049	1.038	-0.5305	W 37	0.5264	1.003	-0.4546						
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.5339	0.991	-0.4289						
0.4500	W 13	0.5294	0.998	-0.4464	W 39	0.5449	0.973	-0.3910						
0.4750	W 14	0.5368	0.986	-0.4212	W 40	0.5540	0.959	-0.3598						
0.5000	W 15	0.5467	0.970	-0.3872	W 41	0.5619	0.946	-0.3328						
0.5250	W 16	0.5515	0.963	-0.3705	W 42	0.5679	0.937	-0.3123						
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5750	0.926	-0.2881						
0.5750	W 18	0.5670	0.938	-0.3175	W 44	0.5805	0.917	-0.2691						
0.6000	W 19	0.5751	0.925	-0.2895	W 45	0.5884	0.904	-0.2421						
0.6250	W 20	0.5808	0.916	-0.2703	W 46	0.5951	0.894	-0.2190						
0.6500	W 21	0.5870	0.907	-0.2489	W 47	0.6004	0.886	-0.2009						
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000						
0.7000	W 23	0.6006	0.885	-0.2021	W 48	0.6139	0.865	-0.1547						
0.8000	W 24	0.6288	0.842	-0.1053	W 49	0.6396	0.825	-0.0666						
0.9000	W 25	0.6620	0.791	0.0084	W 50	0.6703	0.778	0.0384						

2Y/B= .775					2Y/B= .800					2Y/B= .900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 61	0.9506	0.270	0.9988		0.0000	0.000	0.0000						
0.0125	W 62	0.7405	0.670	0.2784		0.0000	0.000	0.0000						
0.0250	W 63	0.6418	0.822	-0.0596		0.0000	0.000	0.0000						
0.0500	W 64	0.5459	0.972	-0.3877		0.0000	0.000	0.0000						
0.1000	W 65	0.4803	1.080	-0.6123		0.0000	0.000	0.0000						
0.1500	W 66	0.4448	1.141	-0.7339		0.0000	0.000	0.0000						
0.2000	W 67	0.4336	1.161	-0.7722		0.0000	0.000	0.0000						
0.2500	W 68	0.4241	1.178	-0.8049		0.0000	0.000	0.0000						
0.3000	W 69	0.4381	1.153	-0.7569		0.0000	0.000	0.0000						
0.3250	W 70	0.5360	0.987	-0.4214		0.0000	0.000	0.0000						
0.3500	W 71	0.5475	0.969	-0.3820	W 86	0.5470	0.970	-0.3838		W 96	0.5161	1.020	-0.4897	
0.3750	W 72	0.5484	0.968	-0.3791	W 87	0.5490	0.967	-0.3770		W 97	0.5404	0.980	-0.4064	
0.4000	W 73	0.5517	0.962	-0.3677	W 88	0.5540	0.959	-0.3597		W 98	0.5422	0.977	-0.4024	
0.4250	W 74	0.5583	0.952	-0.3450	W 89	0.5584	0.952	-0.3447		W 99	0.5491	0.966	-0.3787	
0.4500	W 75	0.5645	0.942	-0.3237	W 90	0.5666	0.939	-0.3167		W100	0.5563	0.955	-0.3541	
0.4750	W 76	0.5714	0.931	-0.3001	W 91	0.5742	0.927	-0.2906		W101	0.5612	0.947	-0.3374	
0.5000	W 77	0.5785	0.920	-0.2757	W 92	0.5810	0.916	-0.2673		W102	0.5761	0.924	-0.2864	
0.5250	W 78	0.5838	0.912	-0.2578	W 93	0.5870	0.907	-0.2466		W103	0.5896	0.903	-0.2400	
0.5500	W 79	0.5895	0.903	-0.2380	W 94	0.5921	0.899	-0.2291		W104	0.5991	0.888	-0.2073	
0.5750	W 80	0.5944	0.895	-0.2214		0.0000	0.000	0.0000		W105	0.6114	0.869	-0.1652	
0.6000	W 81	0.6022	0.883	-0.1945	W 95	0.6043	0.880	-0.1876						
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000						
0.6500	W 82	0.6132	0.866	-0.1570		0.0000	0.000	0.0000						
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000						
0.7000	W 83	0.6249	0.848	-0.1170		0.0000	0.000	0.0000						
0.8000	W 84	0.6480	0.812	-0.0379		0.0000	0.000	0.0000						
0.9000	W 85	0.6730	0.774	0.0480		0.0000	0.000	0.0000						

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

## WING PRESSURE DATA

(K) RUN= 95 ALPHA= 0 DEG MINF= 0.804 REC= 7.84E+06  
PT= 4.72 ATM= 69.4 PSIA TT= 260. DEG K= 467. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9532	0.262	1.0147		0.0000	0.000	0.0000		
0.0125	W 2	0.7278	0.689	0.2518	W 27	0.7455	0.662	0.3131		0.0000	0.000	0.0000		
0.0250	W 3	0.6297	0.841	-0.0801	W 28	0.6320	0.837	-0.0704		0.0000	0.000	0.0000		
0.0500	W 4	0.5400	0.981	-0.3833	W 29	0.5414	0.979	-0.3798		0.0000	0.000	0.0000		
0.1000	W 5	0.4885	1.066	-0.5573	W 30	0.4814	1.078	-0.5828		0.0000	0.000	0.0000		
0.1500	W 6	0.4847	1.072	-0.5702	W 31	0.4603	1.114	-0.6540		0.0000	0.000	0.0000		
0.2000	W 7	0.4695	1.098	-0.6219	W 32	0.4492	1.133	-0.6916		0.0000	0.000	0.0000		
0.2500	W 8	0.4647	1.106	-0.6380	W 33	0.4303	1.167	-0.7555		0.0000	0.000	0.0000		
0.3000	W 9	0.4639	1.108	-0.6405	W 34	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4528	1.127	-0.6783	W 35	0.4289	1.170	-0.7604	W 51	0.4228	1.181	-0.7808		
0.3750		0.0000	0.000	0.0000	W 36	0.4234	1.180	-0.7788	W 52	0.5378	0.985	-0.3920		
0.4000	W 11	0.4517	1.129	-0.6820	W 37	0.4347	1.159	-0.7408	W 53	0.5583	0.952	-0.3226		
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.5101	1.030	-0.4856	W 54	0.5649	0.941	-0.3001		
0.4500	W 13	0.5073	1.034	-0.4941	W 39	0.5403	0.981	-0.3834	W 55	0.5666	0.939	-0.2944		
0.4750	W 14	0.5254	1.005	-0.4326	W 40	0.5517	0.962	-0.3447	W 56	0.5710	0.932	-0.2794		
0.5000	W 15	0.5356	0.988	-0.3982	W 41	0.5586	0.951	-0.3216	W 57	0.5746	0.926	-0.2674		
0.5250	W 16	0.5413	0.979	-0.3788	W 42	0.5643	0.942	-0.3022	W 58	0.5786	0.920	-0.2539		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5713	0.931	-0.2785	W 59	0.5848	0.910	-0.2327		
0.5750	W 18	0.5378	0.953	-0.3231	W 44	0.5763	0.923	-0.2617		0.0000	0.000	0.0000		
0.6000	W 19	0.5662	0.939	-0.2949	W 45	0.5837	0.912	-0.2367	W 60	0.5961	0.892	-0.1945		
0.6250	W 20	0.5731	0.928	-0.2714	W 46	0.5900	0.902	-0.2151		0.0000	0.000	0.0000		
0.6500	W 21	0.5799	0.918	-0.2482	W 47	0.5951	0.894	-0.1979		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5927	0.898	-0.2050	W 48	0.6086	0.873	-0.1522		0.0000	0.000	0.0000		
0.8000	W 24	0.6230	0.851	-0.1026	W 49	0.6338	0.834	-0.0669		0.0000	0.000	0.0000		
0.9000	W 25	0.6563	0.800	0.0099	W 50	0.6647	0.787	0.0376		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9490	0.275	1.0003		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7347	0.679	0.2766		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6368	0.830	-0.0540		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5373	0.985	-0.3936		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4747	1.089	-0.6038		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4359	1.157	-0.7352		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4235	1.180	-0.7772		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4129	1.199	-0.8128		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3000	W 69	0.3975	1.228	-0.8650		0.0000	0.000	0.0000	W 96	0.4146	1.196	-0.8071		
0.3250	W 70	0.3950	1.233	-0.8734		0.0000	0.000	0.0000	W 97	0.5348	0.989	-0.4006		
0.3500	W 71	0.4878	1.067	-0.5596	W 86	0.5330	0.992	-0.4068	W 98	0.5479	0.968	-0.3567		
0.3750	W 72	0.5502	0.965	-0.3488	W 87	0.5578	0.953	-0.3231	W 99	0.5518	0.962	-0.3434		
0.4000	W 73	0.5621	0.946	-0.3084	W 88	0.5627	0.945	-0.3063	W100	0.5552	0.957	-0.3321		
0.4250	W 74	0.5651	0.941	-0.2983	W 89	0.5632	0.944	-0.3047	W101	0.5589	0.951	-0.3195		
0.4500	W 75	0.5675	0.937	-0.2900	W 90	0.5673	0.938	-0.2910		0.0000	0.000	0.0000		
0.4750	W 76	0.5709	0.932	-0.2786	W 91	0.5720	0.930	-0.2749	W102	0.5706	0.932	-0.2798		
0.5000	W 77	0.5760	0.924	-0.2614	W 92	0.5774	0.922	-0.2567		0.0000	0.000	0.0000		
0.5250	W 78	0.5801	0.917	-0.2475	W 93	0.5812	0.916	-0.2437	W103	0.5834	0.912	-0.2367		
0.5500	W 79	0.5849	0.910	-0.2314	W 94	0.5863	0.908	-0.2265		0.0000	0.000	0.0000		
0.5750	W 80	0.5894	0.903	-0.2163		0.0000	0.000	0.0000	W104	0.5931	0.897	-0.2038		
0.6000	W 81	0.5968	0.891	-0.1910	W 95	0.5982	0.889	-0.1863		0.0000	0.000	0.0000		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W105	0.6052	0.878	-0.1627		
0.6500	W 82	0.6069	0.876	-0.1568		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6186	0.858	-0.1174		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6423	0.821	-0.0373		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6676	0.782	0.0484		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

WING PRESSURE DATA  
(L) RUN= 83 ALPHA= 0 DEG MINF= 0.819 REC= 1.94E+06  
PT= 1.16 ATM= 17.0 PSIA TT= 260. DEG K= 467. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9482	0.277	1.0082		0.0000	0.000	0.0000		
0.0125	W 2	0.7287	0.688	0.2822	W 27	0.7365	0.676	0.3086		0.0000	0.000	0.0000		
0.0250	W 3	0.6198	0.856	-0.0778	W 28	0.6175	0.859	-0.0847		0.0000	0.000	0.0000		
0.0500	W 4	0.5233	1.008	-0.3967	W 29	0.5187	1.016	-0.4132		0.0000	0.000	0.0000		
0.1000	W 5	0.4702	1.097	-0.5723	W 30	0.4590	1.116	-0.6106		0.0000	0.000	0.0000		
0.1500	W 6	0.4604	1.114	-0.6048	W 31	0.4342	1.160	-0.6928		0.0000	0.000	0.0000		
0.2000	W 7	0.4516	1.129	-0.6339	W 32	0.4251	1.177	-0.7227		0.0000	0.000	0.0000		
0.2500	W 8	0.4430	1.144	-0.6623	W 33	0.4117	1.201	-0.7672		0.0000	0.000	0.0000		
0.3000	W 9	0.4386	1.152	-0.6769	W 34	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4301	1.167	-0.7049	W 35	0.3983	1.227	-0.8115	W 51	0.3680	1.286	-0.9117		
0.3750		0.0000	0.000	0.0000	W 36	0.3956	1.232	-0.8202	W 52	0.3673	1.287	-0.9141		
0.4000	W 11	0.4249	1.177	-0.7222	W 37	0.3970	1.229	-0.8157	W 53	0.3804	1.261	-0.8708		
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.4017	1.220	-0.8002	W 54	0.4214	1.183	-0.7350		
0.4500	W 13	0.4326	1.163	-0.6968	W 39	0.4107	1.203	-0.7703	W 55	0.5211	1.012	-0.4052		
0.4750	W 14	0.4374	1.154	-0.6808	W 40	0.4203	1.185	-0.7385	W 56	0.5614	0.947	-0.2719		
0.5000	W 15	0.4471	1.137	-0.6488	W 41	0.4361	1.157	-0.6864	W 57	0.5816	0.915	-0.2049		
0.5250	W 16	0.4586	1.117	-0.6109	W 42	0.5043	1.039	-0.4607	W 58	0.5900	0.902	-0.1772		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5673	0.938	-0.2522	W 59	0.5934	0.897	-0.1661		
0.5750	W 18	0.5260	1.004	-0.3878	W 44	0.5847	0.910	-0.1947		0.0000	0.000	0.0000		
0.6000	W 19	0.5481	0.968	-0.3148	W 45	0.5916	0.899	-0.1719	W 60	0.5966	0.892	-0.1554		
0.6250	W 20	0.5629	0.945	-0.2660	W 46	0.5945	0.895	-0.1624		0.0000	0.000	0.0000		
0.6500	W 21	0.5715	0.931	-0.2376	W 47	0.5976	0.890	-0.1521		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000	W 48	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5845	0.911	-0.1944	W 48	0.6051	0.878	-0.1273		0.0000	0.000	0.0000		
0.8000	W 24	0.6174	0.859	-0.0856	W 49	0.6257	0.847	-0.0590		0.0000	0.000	0.0000		
0.9000	W 25	0.6456	0.816	0.0075	W 50	0.6564	0.799	0.0423		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9446	0.286	0.9965		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7330	0.681	0.2971		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6270	0.845	-0.0532		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5227	1.009	-0.3997		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4602	1.114	-0.6053		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4227	1.181	-0.7295		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4055	1.213	-0.7864		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3894	1.244	-0.8396		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3000	W 69	0.3764	1.269	-0.8825		0.0000	0.000	0.0000	W 96	0.3768	1.268	-0.8813		
0.3250	W 70	0.3721	1.277	-0.8967		0.0000	0.000	0.0000	W 97	0.4012	1.221	-0.8004		
0.3500	W 71	0.3762	1.269	-0.8831	W 86	0.3897	1.243	-0.8386	W 98	0.4052	1.213	-0.7873		
0.3750	W 72	0.3848	1.253	-0.8548	W 87	0.3929	1.237	-0.8280	W 99	0.3994	1.224	-0.8064		
0.4000	W 73	0.3871	1.248	-0.8471	W 88	0.3894	1.243	-0.8394	W100	0.4602	1.114	-0.6056		
0.4250	W 74	0.4253	1.176	-0.7207	W 89	0.4427	1.145	-0.6632	W101	0.5563	0.955	-0.2877		
0.4500	W 75	0.5253	1.005	-0.3901	W 90	0.5457	0.972	-0.3227		0.0000	0.000	0.0000		
0.4750	W 76	0.5752	0.925	-0.2253	W 91	0.5928	0.898	-0.1671	W102	0.5893	0.903	-0.1786		
0.5000	W 77	0.5937	0.896	-0.1640	W 92	0.6005	0.886	-0.1416	W103	0.5866	0.907	-0.1877		
0.5250	W 78	0.5976	0.890	-0.1510	W 93	0.5969	0.891	-0.1535		0.0000	0.000	0.0000		
0.5500	W 79	0.5970	0.891	-0.1531	W 94	0.5968	0.891	-0.1538	W104	0.5891	0.903	-0.1791		
0.5750	W 80	0.5969	0.891	-0.1534		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5991	0.888	-0.1461	W 95	0.5978	0.890	-0.1506	W105	0.5968	0.891	-0.1539		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6043	0.880	-0.1290		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6118	0.868	-0.1043		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6312	0.838	-0.0399		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6557	0.801	0.0409		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

WING PRESSURE DATA  
(M) RUN= 84 ALPHA= 0 DEG MINF= 0.816 REC= 3.99E+06  
PT= 2.38 ATM= 35.0 PSIA TT= 259. DEG K= 466. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9508	0.270	1.0145			0.0000	0.000	0.0000	
0.0125	W 2	0.7244	0.695	0.2620	W 27	0.7408	0.669	0.3172			0.0000	0.000	0.0000	
0.0250	W 3	0.6211	0.854	-0.0814	W 28	0.6243	0.849	-0.0694			0.0000	0.000	0.0000	
0.0500	W 4	0.5261	1.003	-0.3970	W 29	0.5349	0.989	-0.3691			0.0000	0.000	0.0000	
0.1000	W 5	0.4718	1.094	-0.5777	W 30	0.4705	1.096	-0.5832			0.0000	0.000	0.0000	
0.1500	W 6	0.4658	1.104	-0.5977	W 31	0.4458	1.139	-0.6654			0.0000	0.000	0.0000	
0.2000	W 7	0.4581	1.118	-0.6230	W 32	0.4382	1.153	-0.6907			0.0000	0.000	0.0000	
0.2500	W 8	0.4497	1.133	-0.6511	W 33	0.4233	1.180	-0.7401			0.0000	0.000	0.0000	
0.3000	W 9	0.4464	1.138	-0.6619	W 34	0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.3500	W 10	0.4358	1.157	-0.6971	W 35	0.4118	1.201	-0.7782		W 51	0.3770	1.268	-0.8942	
0.3750		0.0000	0.000	0.0000	W 36	0.4070	1.210	-0.7942		W 52	0.3703	1.281	-0.9164	
0.4000	W 11	0.4295	1.169	-0.7183	W 37	0.4105	1.204	-0.7827		W 53	0.4068	1.210	-0.7950	
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.4051	1.214	-0.8006		W 54	0.5258	1.004	-0.3993	
0.4500	W 13	0.4374	1.154	-0.6920	W 39	0.4076	1.209	-0.7924		W 55	0.5584	0.952	-0.2909	
0.4750	W 14	0.4395	1.151	-0.6848	W 40	0.4746	1.089	-0.5694		W 56	0.5729	0.929	-0.2427	
0.5000	W 15	0.4552	1.123	-0.6326	W 41	0.5403	0.981	-0.3511		W 57	0.5799	0.918	-0.2194	
0.5250	W 16	0.5042	1.040	-0.4700	W 42	0.5584	0.952	-0.2909		W 58	0.5832	0.913	-0.2083	
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5681	0.936	-0.2585		W 59	0.5857	0.909	-0.2001	
0.5750	W 18	0.5488	0.967	-0.3217	W 44	0.5744	0.926	-0.2377			0.0000	0.000	0.0000	
0.6000	W 19	0.5578	0.953	-0.2917	W 45	0.5805	0.917	-0.2175		W 60	0.5921	0.899	-0.1790	
0.6250	W 20	0.5643	0.942	-0.2701	W 46	0.5858	0.909	-0.1998			0.0000	0.000	0.0000	
0.6500	W 21	0.5710	0.932	-0.2480	W 47	0.5904	0.901	-0.1845			0.0000	0.000	0.0000	
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 23	0.5845	0.911	-0.2032	W 48	0.6023	0.883	-0.1448			0.0000	0.000	0.0000	
0.8000	W 24	0.6159	0.862	-0.0988	W 49	0.6266	0.845	-0.0641			0.0000	0.000	0.0000	
0.9000	W 25	0.6490	0.811	0.0113	W 50	0.6563	0.800	0.0347			0.0000	0.000	0.0000	

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 61	0.9456	0.284	0.9974		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0125	W 62	0.7361	0.676	0.3018		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0250	W 63	0.6326	0.836	-0.0421		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0500	W 64	0.5380	0.984	-0.3586		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1000	W 65	0.4666	1.103	-0.5940		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1500	W 66	0.4293	1.169	-0.7178		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2000	W 67	0.4152	1.195	-0.7644		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2500	W 68	0.3995	1.224	-0.8168		0.0000	0.000	0.0000		W 96	0.3917	1.239	-0.8426	
0.3000	W 69	0.3853	1.251	-0.8638		0.0000	0.000	0.0000		W 97	0.3982	1.227	-0.8210	
0.3250	W 70	0.3812	1.259	-0.8775		0.0000	0.000	0.0000		W 98	0.4019	1.220	-0.8099	
0.3500	W 71	0.3732	1.275	-0.9040	W 86	0.3738	1.274	-0.9022		W 99	0.5050	1.038	-0.4674	
0.3750	W 72	0.3687	1.284	-0.9191	W 87	0.3761	1.270	-0.8945		W100	0.5559	0.956	-0.2980	
0.4000	W 73	0.4562	1.121	-0.6283	W 88	0.5152	1.021	-0.4323		W101	0.5649	0.941	-0.2681	
0.4250	W 74	0.5398	0.981	-0.3507	W 89	0.5578	0.953	-0.2910			0.0000	0.000	0.0000	
0.4500	W 75	0.5649	0.941	-0.2674	W 90	0.5725	0.929	-0.2422		W102	0.5711	0.932	-0.2476	
0.4750	W 76	0.5758	0.924	-0.2311	W 91	0.5787	0.920	-0.2215			0.0000	0.000	0.0000	
0.5000	W 77	0.5811	0.916	-0.2136	W 92	0.5805	0.917	-0.2157		W103	0.5784	0.920	-0.2235	
0.5250	W 78	0.5826	0.913	-0.2085	W 93	0.5820	0.914	-0.2106			0.0000	0.000	0.0000	
0.5500	W 79	0.5852	0.909	-0.1998	W 94	0.5841	0.911	-0.2035		W104	0.5857	0.909	-0.1990	
0.5750	W 80	0.5876	0.906	-0.1920		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6000	W 81	0.5924	0.898	-0.1759	W 95	0.5923	0.898	-0.1764		W105	0.5958	0.893	-0.1654	
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6500	W 82	0.6012	0.885	-0.1468		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 83	0.6112	0.869	-0.1137		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.8000	W 84	0.6332	0.835	-0.0404		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.9000	W 85	0.6586	0.796	0.0440		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

(N) RUN= 85 ALPHA= 0 DEG MINF= 0.816 REC= 6.05E+06  
 PT= 3.62 ATM= 53.2 PSIA TT= 260. DEG K= 468. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9510	0.269	1.0149		W 51	0.0000	0.000	0.0000	
0.0125	W 2	0.7271	0.690	0.2699	W 27	0.7455	0.662	0.3318		W 52	0.0000	0.000	0.0000	
0.0250	W 3	0.6220	0.852	-0.0796	W 28	0.6293	0.841	-0.0545		W 53	0.0000	0.000	0.0000	
0.0500	W 4	0.5286	0.999	-0.3902	W 29	0.5324	0.993	-0.3776		W 54	0.0000	0.000	0.0000	
0.1000	W 5	0.4748	1.089	-0.5691	W 30	0.4734	1.091	-0.5738		W 55	0.0000	0.000	0.0000	
0.1500	W 6	0.4714	1.095	-0.5804	W 31	0.4488	1.134	-0.6556		W 56	0.0000	0.000	0.0000	
0.2000	W 7	0.4619	1.111	-0.6120	W 32	0.4403	1.149	-0.6840		W 57	0.0000	0.000	0.0000	
0.2500	W 8	0.4507	1.131	-0.6491	W 33	0.4221	1.182	-0.7446		W 58	0.0000	0.000	0.0000	
0.3000	W 9	0.4484	1.135	-0.6569	W 34	0.0000	0.000	0.0000		W 59	0.0000	0.000	0.0000	
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		W 60	0.0000	0.000	0.0000	
0.3500	W 10	0.4364	1.156	-0.6967	W 35	0.4096	1.205	-0.7861						
0.3750		0.0000	0.000	0.0000	W 36	0.4049	1.214	-0.8016						
0.4000	W 11	0.4283	1.171	-0.7237	W 37	0.4072	1.210	-0.7942						
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.4015	1.220	-0.8130						
0.4500	W 13	0.4359	1.157	-0.6984	W 39	0.4061	1.212	-0.7976						
0.4750	W 14	0.4388	1.152	-0.6889	W 40	0.4757	1.087	-0.5662						
0.5000	W 15	0.4482	1.135	-0.6574	W 41	0.5389	0.983	-0.3561						
0.5250	W 16	0.4914	1.061	-0.5140	W 42	0.5574	0.953	-0.2945						
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5676	0.937	-0.2606						
0.5750	W 18	0.5474	0.969	-0.3276	W 44	0.5748	0.926	-0.2366						
0.6000	W 19	0.5574	0.953	-0.2944	W 45	0.5812	0.916	-0.2154						
0.6250	W 20	0.5657	0.940	-0.2668	W 46	0.5868	0.907	-0.1969						
0.6500	W 21	0.5722	0.930	-0.2454	W 47	0.5918	0.899	-0.1799						
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000						
0.7000	W 23	0.5849	0.910	-0.2030	W 48	0.6039	0.880	-0.1400						
0.8000	W 24	0.6172	0.860	-0.0955	W 49	0.6282	0.843	-0.0590						
0.9000	W 25	0.6495	0.810	0.0117	W 50	0.6591	0.795	0.0436						

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 61	0.9467	0.281	1.0004		0.0000	0.000	0.0000		W 96	0.0000	0.000	0.0000	
0.0125	W 62	0.7377	0.674	0.3058		0.0000	0.000	0.0000		W 97	0.0000	0.000	0.0000	
0.0250	W 63	0.6324	0.836	-0.0440		0.0000	0.000	0.0000		W 98	0.0000	0.000	0.0000	
0.0500	W 64	0.5320	0.994	-0.3790		0.0000	0.000	0.0000		W 99	0.0000	0.000	0.0000	
0.1000	W 65	0.4708	1.096	-0.5823		0.0000	0.000	0.0000		W100	0.0000	0.000	0.0000	
0.1500	W 66	0.4302	1.167	-0.7172		0.0000	0.000	0.0000		W101	0.0000	0.000	0.0000	
0.2000	W 67	0.4177	1.190	-0.7590		0.0000	0.000	0.0000		W102	0.0000	0.000	0.0000	
0.2500	W 68	0.4010	1.221	-0.8145		0.0000	0.000	0.0000		W103	0.0000	0.000	0.0000	
0.3000	W 69	0.3860	1.250	-0.8642		0.0000	0.000	0.0000		W104	0.0000	0.000	0.0000	
0.3250	W 70	0.3813	1.259	-0.8800		0.0000	0.000	0.0000		W105	0.0000	0.000	0.0000	
0.3500	W 71	0.3723	1.277	-0.9097	W 86	0.3697	1.282	-0.9186						
0.3750	W 72	0.3677	1.286	-0.9250	W 87	0.3962	1.230	-0.8304						
0.4000	W 73	0.4806	1.079	-0.5498	W 88	0.5190	1.015	-0.4221						
0.4250	W 74	0.5401	0.981	-0.3518	W 89	0.5533	0.960	-0.3079						
0.4500	W 75	0.5628	0.945	-0.2765	W 90	0.5688	0.935	-0.2565						
0.4750	W 76	0.5741	0.927	-0.2388	W 91	0.5769	0.923	-0.2296						
0.5000	W 77	0.5806	0.917	-0.2170	W 92	0.5808	0.916	-0.2165						
0.5250	W 78	0.5837	0.912	-0.2068	W 93	0.5840	0.911	-0.2059						
0.5500	W 79	0.5858	0.908	-0.1998	W 94	0.5868	0.907	-0.1967						
0.5750	W 80	0.5888	0.904	-0.1899		0.0000	0.000	0.0000						
0.6000	W 81	0.5938	0.896	-0.1732	W 95	0.5939	0.896	-0.1730						
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000						
0.6500	W 82	0.6027	0.882	-0.1435		0.0000	0.000	0.0000						
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000						
0.7000	W 83	0.6126	0.867	-0.1106		0.0000	0.000	0.0000						
0.8000	W 84	0.6346	0.833	-0.0374		0.0000	0.000	0.0000						
0.9000	W 85	0.6603	0.793	0.0479		0.0000	0.000	0.0000						

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

WING PRESSURE DATA  
 (O) RUN= 82 ALPHA= 0 DEG MINF= 0.815 REC= 7.96E+06  
 PT= 4.68 ATM= 68.8 PSIA TT= 256. DEG K= 461. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9511	0.268	1.0151		0.0000	0.000	0.0000		
0.0125	W 2	0.7251	0.693	0.2621	W 27	0.7449	0.662	0.3294		0.0000	0.000	0.0000		
0.0250	W 3	0.6235	0.850	-0.0763	W 28	0.6294	0.841	-0.0547		0.0000	0.000	0.0000		
0.0500	W 4	0.5328	0.993	-0.3780	W 29	0.5384	0.984	-0.3579		0.0000	0.000	0.0000		
0.1000	W 5	0.4794	1.081	-0.5558	W 30	0.4758	1.087	-0.5661		0.0000	0.000	0.0000		
0.1500	W 6	0.4745	1.089	-0.5722	W 31	0.4524	1.128	-0.6439		0.0000	0.000	0.0000		
0.2000	W 7	0.4606	1.113	-0.6186	W 32	0.4423	1.146	-0.6776		0.0000	0.000	0.0000		
0.2500	W 8	0.4522	1.128	-0.6464	W 33	0.4230	1.181	-0.7419		0.0000	0.000	0.0000		
0.3000	W 9	0.4495	1.133	-0.6554	W 34	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4375	1.154	-0.6954	W 35	0.4121	1.201	-0.7780	W 51	0.3781	1.266	-0.8912		
0.3750		0.0000	0.000	0.0000	W 36	0.4066	1.211	-0.7962	W 52	0.3717	1.278	-0.9122		
0.4000	W 11	0.4307	1.166	-0.7181	W 37	0.4094	1.206	-0.7871	W 53	0.4632	1.109	-0.6081		
0.4250	W 12	0.0000	0.000	0.0000	W 38	0.4039	1.216	-0.8053	W 54	0.5378	0.985	-0.3599		
0.4500	W 13	0.4398	1.150	-0.6877	W 39	0.4147	1.196	-0.7693	W 55	0.5636	0.943	-0.2741		
0.4750	W 14	0.4405	1.149	-0.6855	W 40	0.5012	1.045	-0.4818	W 56	0.5753	0.925	-0.2351		
0.5000	W 15	0.4645	1.107	-0.6057	W 41	0.5451	0.973	-0.3357	W 57	0.5814	0.915	-0.2148		
0.5250	W 16	0.5143	1.023	-0.4397	W 42	0.5604	0.948	-0.2846	W 58	0.5846	0.910	-0.2044		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5694	0.934	-0.2549	W 59	0.5877	0.906	-0.1938		
0.5750	W 18	0.5490	0.967	-0.3244	W 44	0.5757	0.924	-0.2339		0.0000	0.000	0.0000		
0.6000	W 19	0.5575	0.953	-0.2961	W 45	0.5819	0.915	-0.2133	W 60	0.5947	0.895	-0.1708		
0.6250	W 20	0.5662	0.939	-0.2670	W 46	0.5875	0.906	-0.1945		0.0000	0.000	0.0000		
0.6500	W 21	0.5727	0.929	-0.2454	W 47	0.5922	0.899	-0.1790		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5850	0.910	-0.2045	W 48	0.6044	0.880	-0.1383		0.0000	0.000	0.0000		
0.8000	W 24	0.6204	0.855	-0.0865	W 49	0.6287	0.842	-0.0577		0.0000	0.000	0.0000		
0.9000	W 25	0.6499	0.809	0.0118	W 50	0.6596	0.795	0.0452		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9445	0.287	0.9931		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7326	0.682	0.2883		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6334	0.835	-0.0414		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5313	0.995	-0.3814		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4673	1.102	-0.5938		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4298	1.168	-0.7183		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4183	1.189	-0.7566		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4026	1.218	-0.8088		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3000	W 69	0.3872	1.248	-0.8602		0.0000	0.000	0.0000	W 96	0.3882	1.246	-0.8566		
0.3250	W 70	0.3824	1.257	-0.8761		0.0000	0.000	0.0000	W 97	0.3992	1.225	-0.8202		
0.3500	W 71	0.3734	1.275	-0.9059	W 86	0.3723	1.277	-0.9094	W 98	0.4481	1.135	-0.6602		
0.3750	W 72	0.3723	1.277	-0.9097	W 87	0.4342	1.160	-0.7039	W 99	0.5391	0.983	-0.3573		
0.4000	W 73	0.5074	1.034	-0.4605	W 88	0.5321	0.994	-0.3783	W100	0.5585	0.952	-0.2927		
0.4250	W 74	0.5493	0.966	-0.3212	W 89	0.5601	0.949	-0.2852	W101	0.5640	0.943	-0.2743		
0.4500	W 75	0.5683	0.936	-0.2580	W 90	0.5730	0.929	-0.2422		0.0000	0.000	0.0000		
0.4750	W 76	0.5772	0.922	-0.2284	W 91	0.5793	0.919	-0.2213	W102	0.5717	0.931	-0.2487		
0.5000	W 77	0.5822	0.914	-0.2116	W 92	0.5817	0.915	-0.2135		0.0000	0.000	0.0000		
0.5250	W 78	0.5844	0.911	-0.2045	W 93	0.5845	0.911	-0.2041	W103	0.5810	0.916	-0.2178		
0.5500	W 79	0.5865	0.907	-0.1973	W 94	0.5871	0.906	-0.1953		0.0000	0.000	0.0000		
0.5750	W 80	0.5895	0.903	-0.1873		0.0000	0.000	0.0000	W104	0.5886	0.904	-0.1924		
0.6000	W 81	0.5950	0.894	-0.1691	W 95	0.5955	0.893	-0.1676		0.0000	0.000	0.0000		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W105	0.5992	0.888	-0.1571		
0.6500	W 82	0.6044	0.880	-0.1377		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6141	0.865	-0.1057		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6361	0.831	-0.0324		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6613	0.792	0.0515		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. - WING PRESSURE DATA; ALPHA = 0 DEG - Continued

WING PRESSURE DATA  
(P) RUN= 163-2 ALPHA= 0 DEG MINF= 0.829 REC= -1.96E+06  
PT= 1.16 ATM= 17.1 PSIA TT= 259. DEG K= 467. DEG R

2Y/B= .250					2Y/B= .500					2Y/B= .750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9490	0.275	1.0172		0.0000	0.000	0.0000		
0.0125	W 2	0.7291	0.687	0.3006	W 27	0.7326	0.682	0.3110		0.0000	0.000	0.0000		
0.0250	W 3	0.6174	0.859	-0.0634	W 28	0.6128	0.866	-0.0798		0.0000	0.000	0.0000		
0.0500	W 4	0.5201	1.013	-0.3808	W 29	0.5168	1.019	-0.3924		0.0000	0.000	0.0000		
0.1000	W 5	0.4664	1.103	-0.5561	W 30	0.4565	1.121	-0.5893		0.0000	0.000	0.0000		
0.1500	W 6	0.4566	1.120	-0.5880	W 31	0.4283	1.171	-0.6811		0.0000	0.000	0.0000		
0.2000	W 7	0.4456	1.140	-0.6237	W 32	0.4190	1.188	-0.7115		0.0000	0.000	0.0000		
0.2500	W 8	0.4373	1.154	-0.6507	W 33	0.4060	1.212	-0.7539		0.0000	0.000	0.0000		
0.3000	W 9	0.4315	1.165	-0.6698	W 34	0.3981	1.227	-0.7796		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4224	1.182	-0.6995	W 35	0.3896	1.243	-0.8074	W 51	0.3586	1.305	-0.9085		
0.3750		0.0000	0.000	0.0000	W 36	0.3846	1.253	-0.8236	W 52	0.3565	1.309	-0.9154		
0.4000	W 11	0.4159	1.193	-0.7206	W 37	0.3843	1.253	-0.8247	W 53	0.3577	1.307	-0.9116		
0.4250	W 12	0.4194	1.187	-0.7091	W 38	0.3841	1.254	-0.8254	W 54	0.3713	1.279	-0.8673		
0.4500	W 13	0.4180	1.190	-0.7139	W 39	0.3849	1.252	-0.8227	W 55	0.3790	1.264	-0.8422		
0.4750	W 14	0.4196	1.187	-0.7087	W 40	0.3877	1.247	-0.8136	W 56	0.4157	1.194	-0.7222		
0.5000	W 15	0.4233	1.180	-0.6964	W 41	0.3931	1.236	-0.7959	W 57	0.5054	1.037	-0.4295		
0.5250	W 16	0.4208	1.184	-0.7047	W 42	0.4015	1.220	-0.7685	W 58	0.5447	0.974	-0.3016		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.4176	1.190	-0.7162	W 59	0.5686	0.935	-0.2234		
0.5750	W 18	0.4293	1.169	-0.6770	W 44	0.4740	1.090	-0.5320		0.0000	0.000	0.0000		
0.6000	W 19	0.4448	1.141	-0.6264	W 45	0.5525	0.961	-0.2761	W 60	0.5981	0.889	-0.1272		
0.6250	W 20	0.4961	1.053	-0.4591	W 46	0.5876	0.906	-0.1616		0.0000	0.000	0.0000		
0.6500	W 21	0.5378	0.985	-0.3231	W 47	0.5987	0.888	-0.1254		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5767	0.923	-0.1964	W 48	0.6093	0.872	-0.0906		0.0000	0.000	0.0000		
0.8000	W 24	0.0000	0.000	0.0000	W 49	0.6270	0.845	-0.0329		0.0000	0.000	0.0000		
0.9000	W 25	0.6400	0.825	0.0101	W 50	0.6539	0.803	0.0549		0.0000	0.000	0.0000		

2Y/B= .775					2Y/B= .800					2Y/B= .900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9433	0.290	0.9988		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7350	0.678	0.3190		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6191	0.857	-0.0593		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5173	1.018	-0.3908		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4589	1.116	-0.5807		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4197	1.186	-0.7085		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3993	1.225	-0.7750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3819	1.258	-0.8319		0.0000	0.000	0.0000	W 96	0.3633	1.295	-0.8925		
0.3000	W 69	0.3681	1.285	-0.8768		0.0000	0.000	0.0000	W 97	0.3667	1.288	-0.8813		
0.3250	W 70	0.3624	1.297	-0.8955		0.0000	0.000	0.0000	W 98	0.3764	1.269	-0.8496		
0.3500	W 71	0.3556	1.311	-0.9176	W 86	0.3579	1.306	-0.9102	W 99	0.3867	1.249	-0.8159		
0.3750	W 72	0.3516	1.319	-0.9305	W 87	0.3681	1.285	-0.8767	W100	0.3912	1.240	-0.8011		
0.4000	W 73	0.3627	1.296	-0.8945	W 88	0.3735	1.275	-0.8590	W101	0.3900	1.242	-0.8051		
0.4250	W 74	0.3707	1.280	-0.8684	W 89	0.3693	1.283	-0.8727		0.0000	0.000	0.0000		
0.4500	W 75	0.3754	1.271	-0.8530	W 90	0.3687	1.284	-0.8747	W102	0.5298	0.997	-0.3491		
0.4750	W 76	0.4415	1.147	-0.6375	W 91	0.4617	1.111	-0.5714		0.0000	0.000	0.0000		
0.5000	W 77	0.5243	1.006	-0.3672	W 92	0.5490	0.967	-0.2870	W103	0.6012	0.884	-0.1163		
0.5250	W 78	0.5648	0.942	-0.2354	W 93	0.5838	0.912	-0.1734		0.0000	0.000	0.0000		
0.5500	W 79	0.5851	0.910	-0.1690	W 94	0.6015	0.884	-0.1157	W104	0.6003	0.886	-0.1193		
0.5750	W 80	0.5981	0.889	-0.1266		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6058	0.877	-0.1017	W 95	0.6088	0.873	-0.0919	W105	0.6010	0.885	-0.1170		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6114	0.869	-0.0832		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6158	0.862	-0.0690		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6303	0.839	-0.0216		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6527	0.805	0.0512		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

## WING PRESSURE DATA

(Q) RUN= 162 ALPHA= 0 DEG MINF= 0.828 REC= 3.95E+06  
PT= 2.31 ATM= 34.0 PSIA TT= 257. DEG K= 463. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9512	0.268	1.0236			0.0000	0.000	0.0000	
0.0125	W 2	0.7271	0.690	0.2916	W 27	0.7397	0.671	0.3321			0.0000	0.000	0.0000	
0.0250	W 3	0.6205	0.855	-0.0570	W 28	0.6206	0.854	-0.0571			0.0000	0.000	0.0000	
0.0500	W 4	0.5234	1.008	-0.3742	W 29	0.5214	1.011	-0.3819			0.0000	0.000	0.0000	
0.1000	W 5	0.4667	1.103	-0.5594	W 30	0.4588	1.117	-0.5866			0.0000	0.000	0.0000	
0.1500	W 6	0.4574	1.119	-0.5899	W 31	0.4295	1.168	-0.6822			0.0000	0.000	0.0000	
0.2000	W 7	0.4493	1.133	-0.6164	W 32	0.4199	1.186	-0.7136			0.0000	0.000	0.0000	
0.2500	W 8	0.4404	1.149	-0.6455	W 33	0.4071	1.210	-0.7557			0.0000	0.000	0.0000	
0.3000	W 9	0.4357	1.157	-0.6609	W 34	0.4017	1.220	-0.7733			0.0000	0.000	0.0000	
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.3500	W 10	0.4264	1.174	-0.6912	W 35	0.3944	1.234	-0.7972		W 51	0.3658	1.290	-0.8906	
0.3750		0.0000	0.000	0.0000	W 36	0.3878	1.247	-0.8188		W 52	0.3594	1.303	-0.9115	
0.4000	W 11	0.4177	1.190	-0.7197	W 37	0.3879	1.246	-0.8184		W 53	0.3528	1.317	-0.9332	
0.4250	W 12	0.4198	1.186	-0.7128	W 38	0.3857	1.251	-0.8256		W 54	0.3511	1.320	-0.9387	
0.4500	W 13	0.4221	1.182	-0.7053	W 39	0.3882	1.246	-0.8175		W 55	0.4090	1.206	-0.7494	
0.4750	W 14	0.4218	1.183	-0.7062	W 40	0.3872	1.248	-0.8207		W 56	0.5085	1.032	-0.4241	
0.5000	W 15	0.4244	1.178	-0.6976	W 41	0.3856	1.251	-0.8260		W 57	0.5383	0.984	-0.3266	
0.5250	W 16	0.4220	1.182	-0.7056	W 42	0.4025	1.219	-0.7708		W 58	0.5584	0.952	-0.2608	
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5075	1.034	-0.4274		W 59	0.5743	0.926	-0.2087	
0.5750	W 18	0.4274	1.172	-0.6879	W 44	0.5485	0.967	-0.2931			0.0000	0.000	0.0000	
0.6000	W 19	0.4745	1.089	-0.5340	W 45	0.5678	0.937	-0.2302		W 60	0.5931	0.897	-0.1473	
0.6250	W 20	0.5294	0.998	-0.3546	W 46	0.5798	0.918	-0.1910			0.0000	0.000	0.0000	
0.6500	W 21	0.5580	0.952	-0.2611	W 47	0.5884	0.904	-0.1628			0.0000	0.000	0.0000	
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 23	0.5781	0.921	-0.1954	W 48	0.6014	0.884	-0.1201			0.0000	0.000	0.0000	
0.8000	W 24	0.6054	0.878	-0.1063	W 49	0.6238	0.850	-0.0471			0.0000	0.000	0.0000	
0.9000	W 25	0.6398	0.825	-0.0062	W 50	0.6532	0.804	0.0492			0.0000	0.000	0.0000	

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 61	0.9448	0.286	1.0027		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0125	W 62	0.7366	0.676	0.3220		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0250	W 63	0.6265	0.845	-0.0379		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0500	W 64	0.5187	1.016	-0.3908		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1000	W 65	0.4640	1.108	-0.5682		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1500	W 66	0.4224	1.181	-0.7041		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2000	W 67	0.4073	1.209	-0.7535		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2500	W 68	0.3884	1.245	-0.8152		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.3000	W 69	0.3731	1.275	-0.8653		0.0000	0.000	0.0000		W 96	0.3683	1.285	-0.8809	
0.3250	W 70	0.3680	1.286	-0.8821		0.0000	0.000	0.0000		W 97	0.3739	1.274	-0.8625	
0.3500	W 71	0.3583	1.305	-0.9136	W 86	0.3534	1.315	-0.9296		W 98	0.3729	1.276	-0.8660	
0.3750	W 72	0.3512	1.320	-0.9369	W 87	0.3496	1.323	-0.9420		W 99	0.3747	1.272	-0.8602	
0.4000	W 73	0.3472	1.328	-0.9498	W 88	0.3479	1.327	-0.9476		W100	0.3775	1.267	-0.8509	
0.4250	W 74	0.3477	1.327	-0.9481	W 89	0.3827	1.257	-0.8338		W101	0.4819	1.077	-0.5099	
0.4500	W 75	0.4651	1.106	-0.5645	W 90	0.5008	1.045	-0.4480			0.0000	0.000	0.0000	
0.4750	W 76	0.5213	1.011	-0.3809	W 91	0.5349	0.989	-0.3365		W102	0.5614	0.947	-0.2501	
0.5000	W 77	0.5442	0.974	-0.3062	W 92	0.5550	0.957	-0.2710			0.0000	0.000	0.0000	
0.5250	W 78	0.5631	0.944	-0.2445	W 93	0.5714	0.931	-0.2174		W103	0.5800	0.918	-0.1893	
0.5500	W 79	0.5784	0.920	-0.1944	W 94	0.5835	0.912	-0.1776			0.0000	0.000	0.0000	
0.5750	W 80	0.5883	0.905	-0.1621		0.0000	0.000	0.0000		W104	0.5873	0.906	-0.1653	
0.6000	W 81	0.5958	0.893	-0.1375	W 95	0.5969	0.891	-0.1340			0.0000	0.000	0.0000	
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		W105	0.5950	0.894	-0.1403	
0.6500	W 82	0.6044	0.880	-0.1095		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 83	0.6115	0.869	-0.0861		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.8000	W 84	0.6291	0.841	-0.0286		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.9000	W 85	0.6525	0.805	0.0478		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

WING PRESSURE DATA												
(R) RUN= 161 ALPHA= 0 DEG MINF= 0.827 REC= 5.93E+06												
PT= 3.46 ATM= 50.9 PSIA TT= 256. DEG K= 462. DEG R												
2Y/B=.250				2Y/B=.500				2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9505	0.270	1.0208		0.0000	0.000	0.0000
0.0125	W 2	0.7225	0.698	0.2749	W 27	0.7403	0.670	0.3332		0.0000	0.000	0.0000
0.0250	W 3	0.6200	0.855	-0.0604	W 28	0.6243	0.849	-0.0464		0.0000	0.000	0.0000
0.0500	W 4	0.5250	1.005	-0.3715	W 29	0.5340	0.991	-0.3417		0.0000	0.000	0.0000
0.1000	W 5	0.4678	1.101	-0.5585	W 30	0.4724	1.093	-0.5433		0.0000	0.000	0.0000
0.1500	W 6	0.4592	1.116	-0.5867	W 31	0.4453	1.140	-0.6319		0.0000	0.000	0.0000
0.2000	W 7	0.4485	1.135	-0.6216	W 32	0.4352	1.158	-0.6651		0.0000	0.000	0.0000
0.2500	W 8	0.4423	1.146	-0.6419	W 33	0.4155	1.194	-0.7293		0.0000	0.000	0.0000
0.3000	W 9	0.4382	1.153	-0.6552	W 34	0.4077	1.209	-0.7548		0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 10	0.4285	1.170	-0.6871	W 35	0.4000	1.223	-0.7800	W 51	0.3674	1.287	-0.8869
0.3750		0.0000	0.000	0.0000	W 36	0.3922	1.238	-0.8055	W 52	0.3596	1.303	-0.9123
0.4000	W 11	0.4179	1.190	-0.7218	W 37	0.3935	1.236	-0.8015	W 53	0.3519	1.319	-0.9375
0.4250	W 12	0.4189	1.188	-0.7186	W 38	0.3903	1.242	-0.8119	W 54	0.3511	1.320	-0.9400
0.4500	W 13	0.4229	1.181	-0.7055	W 39	0.3922	1.238	-0.8058	W 55	0.4320	1.164	-0.6755
0.4750	W 14	0.4232	1.180	-0.7046	W 40	0.3902	1.242	-0.8121	W 56	0.5122	1.026	-0.4130
0.5000	W 15	0.4257	1.176	-0.6963	W 41	0.3883	1.246	-0.8185	W 57	0.5393	0.982	-0.3245
0.5250	W 16	0.4248	1.177	-0.6992	W 42	0.4178	1.190	-0.7218	W 58	0.5599	0.949	-0.2569
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5107	1.029	-0.4181	W 59	0.5771	0.922	-0.2006
0.5750	W 18	0.4540	1.125	-0.6036	W 44	0.5466	0.970	-0.3004		0.0000	0.000	0.0000
0.6000	W 19	0.5235	1.008	-0.3761	W 45	0.5654	0.941	-0.2390	W 60	0.5959	0.893	-0.1393
0.6250	W 20	0.5480	0.968	-0.2960	W 46	0.5778	0.921	-0.1983		0.0000	0.000	0.0000
0.6500	W 21	0.5596	0.950	-0.2581	W 47	0.5866	0.907	-0.1695		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.5764	0.923	-0.2032	W 48	0.6007	0.885	-0.1234		0.0000	0.000	0.0000
0.8000	W 24	0.6063	0.877	-0.1054	W 49	0.6239	0.849	-0.0477		0.0000	0.000	0.0000
0.9000	W 25	0.6420	0.822	0.0115	W 50	0.6528	0.805	0.0470		0.0000	0.000	0.0000
2Y/B=.775				2Y/B=.800				2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9439	0.288	0.9992		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.7396	0.671	0.3310		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.6299	0.840	-0.0278		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.5268	1.002	-0.3654		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.4676	1.101	-0.5585		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.4232	1.180	-0.7038		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.4085	1.207	-0.7520		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.3896	1.243	-0.8137		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3000	W 69	0.3762	1.269	-0.8577		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3250	W 70	0.3702	1.281	-0.8771		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 71	0.3615	1.299	-0.9058	W 86	0.3574	1.307	-0.9192	W 96	0.3763	1.269	-0.8573
0.3750	W 72	0.3565	1.309	-0.9222	W 87	0.3534	1.316	-0.9323	W 97	0.3793	1.263	-0.8476
0.4000	W 73	0.3513	1.320	-0.9390	W 88	0.3537	1.315	-0.9312	W 98	0.3759	1.270	-0.8593
0.4250	W 74	0.3556	1.311	-0.9251	W 89	0.4031	1.217	-0.7697	W 99	0.3779	1.266	-0.8526
0.4500	W 75	0.4818	1.077	-0.5120	W 90	0.5089	1.032	-0.4234	W100	0.3967	1.230	-0.7912
0.4750	W 76	0.5270	1.002	-0.3642	W 91	0.5409	0.980	-0.3188	W101	0.5132	1.025	-0.4099
0.5000	W 77	0.5488	0.967	-0.2930	W 92	0.5604	0.949	-0.2551	W102	0.5670	0.938	-0.2338
0.5250	W 78	0.5669	0.938	-0.2339	W 93	0.5757	0.924	-0.2052	W103	0.5816	0.915	-0.1862
0.5500	W 79	0.5816	0.915	-0.1858	W 94	0.5848	0.910	-0.1752	W104	0.5879	0.905	-0.1654
0.5750	W 80	0.5903	0.901	-0.1572		0.0000	0.000	0.0000	W105	0.5956	0.893	-0.1402
0.6000	W 81	0.5966	0.892	-0.1366	W 95	0.5969	0.891	-0.1358		0.0000	0.000	0.0000
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6500	W 82	0.6043	0.880	-0.1114		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.6112	0.869	-0.0888		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.6295	0.841	-0.0290		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.6533	0.804	0.0489		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

WING PRESSURE DATA  
(S) RUN= 159 ALPHA= 0 DEG MINF= 0.825 REC= 8.07E+06  
PT= 4.70 ATM= 69.1 PSIA TT= 256. DEG K= 460. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9515	0.268	1.0222		0.0000	0.000	0.0000		
0.0125	W 2	0.7312	0.684	-0.2998	W 27	0.7386	0.672	0.3229		0.0000	0.000	0.0000		
0.0250	W 3	0.6227	0.851	-0.0562	W 28	0.6237	0.850	-0.0545		0.0000	0.000	0.0000		
0.0500	W 4	0.5298	0.998	-0.3611	W 29	0.5334	0.992	-0.3496		0.0000	0.000	0.0000		
0.1000	W 5	0.4744	1.090	-0.5429	W 30	0.4698	1.098	-0.5584		0.0000	0.000	0.0000		
0.1500	W 6	0.4638	1.108	-0.5776	W 31	0.4424	1.145	-0.6483		0.0000	0.000	0.0000		
0.2000	W 7	0.4544	1.124	-0.6086	W 32	0.4336	1.161	-0.6772		0.0000	0.000	0.0000		
0.2500	W 8	0.4425	1.145	-0.6477	W 33	0.4173	1.191	-0.7306		0.0000	0.000	0.0000		
0.3000	W 9	0.4387	1.152	-0.6600	W 34	0.4054	1.213	-0.7696		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4286	1.170	-0.6931	W 35	0.3985	1.226	-0.7923	W 51	0.3665	1.289	-0.8975		
0.3750		0.0000	0.000	0.0000	W 36	0.3943	1.234	-0.8060	W 52	0.3600	1.302	-0.9188		
0.4000	W 11	0.4193	1.187	-0.7237	W 37	0.3956	1.232	-0.8018	W 53	0.3511	1.320	-0.9478		
0.4250	W 12	0.4206	1.185	-0.7196	W 38	0.3891	1.244	-0.8231	W 54	0.3533	1.316	-0.9408		
0.4500	W 13	0.4249	1.177	-0.7055	W 39	0.3920	1.238	-0.8136	W 55	0.4811	1.078	-0.5212		
0.4750	W 14	0.4243	1.178	-0.7074	W 40	0.3906	1.241	-0.8184	W 56	0.5302	0.997	-0.3601		
0.5000	W 15	0.4261	1.175	-0.7014	W 41	0.3936	1.235	-0.8083	W 57	0.5555	0.956	-0.2771		
0.5250	W 16	0.4243	1.178	-0.7075	W 42	0.4732	1.092	-0.5470	W 58	0.5735	0.928	-0.2180		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5333	0.992	-0.3499	W 59	0.5852	0.909	-0.1794		
0.5750	W 18	0.4647	1.106	-0.5746	W 44	0.5591	0.951	-0.2652		0.0000	0.000	0.0000		
0.6000	W 19	0.5275	1.001	-0.3687	W 45	0.5740	0.927	-0.2165	W 60	0.5995	0.887	-0.1326		
0.6250	W 20	0.5505	0.964	-0.2933	W 46	0.5842	0.911	-0.1829		0.0000	0.000	0.0000		
0.6500	W 21	0.5624	0.945	-0.2542	W 47	0.5916	0.899	-0.1586		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5791	0.919	-0.1992	W 48	0.6042	0.880	-0.1173		0.0000	0.000	0.0000		
0.8000	W 24	0.6091	0.872	-0.1008	W 49	0.6263	0.846	-0.0445		0.0000	0.000	0.0000		
0.9000	W 25	0.6438	0.819	0.0131	W 50	0.6534	0.804	0.0442		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9454	0.284	1.0024		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7367	0.675	0.3169		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6313	0.838	-0.0294		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5259	1.004	-0.3742		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4640	1.107	-0.5767		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4206	1.185	-0.7190		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4084	1.207	-0.7590		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3907	1.241	-0.8171		0.0000	0.000	0.0000	W 96	0.3711	1.279	-0.8814		
0.3000	W 69	0.3768	1.268	-0.8628		0.0000	0.000	0.0000	W 97	0.3775	1.267	-0.8605		
0.3250	W 70	0.3713	1.279	-0.8807		0.0000	0.000	0.0000	W 98	0.3773	1.267	-0.8616		
0.3500	W 71	0.3622	1.297	-0.9108	W 86	0.3574	1.307	-0.9266	W 99	0.3802	1.261	-0.8520		
0.3750	W 72	0.3563	1.310	-0.9302	W 87	0.3528	1.317	-0.9416	W 100	0.4274	1.172	-0.6973		
0.4000	W 73	0.3508	1.321	-0.9480	W 88	0.3520	1.318	-0.9440	W 101	0.5268	1.002	-0.3708		
0.4250	W 74	0.3791	1.264	-0.8554	W 89	0.4573	1.119	-0.5986		0.0000	0.000	0.0000		
0.4500	W 75	0.5012	1.044	-0.4547	W 90	0.5224	1.010	-0.3850	W 102	0.5716	0.931	-0.2239		
0.4750	W 76	0.5357	0.988	-0.3414	W 91	0.5495	0.966	-0.2962		0.0000	0.000	0.0000		
0.5000	W 77	0.5599	0.949	-0.2620	W 92	0.5697	0.934	-0.2300	W 103	0.5837	0.912	-0.1842		
0.5250	W 78	0.5774	0.922	-0.2047	W 93	0.5838	0.912	-0.1835		0.0000	0.000	0.0000		
0.5500	W 79	0.5874	0.906	-0.1717	W 94	0.5907	0.901	-0.1611	W 104	0.5893	0.903	-0.1660		
0.5750	W 80	0.5946	0.895	-0.1483		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5997	0.887	-0.1313	W 95	0.5995	0.887	-0.1320	W 105	0.5972	0.891	-0.1398		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6059	0.877	-0.1110		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6129	0.866	-0.0882		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6315	0.838	-0.0270		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6553	0.801	0.0510		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

WING PRESSURE DATA  
(T) RUN= 163-1 ALPHA= 0 DEG MINF= 0.846 REC= 1.90E+06  
PT= 1.14 ATM= 16.7 PSIA TT= 263. DEG K= 473. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9489	0.275	1.0247		0.0000	0.000	0.0000		
0.0125	W 2	0.7246	0.694	0.3033	W 27	0.7337	0.680	0.3324		0.0000	0.000	0.0000		
0.0250	W 3	0.6108	0.870	-0.0627	W 28	0.6137	0.865	-0.0535		0.0000	0.000	0.0000		
0.0500	W 4	0.5122	1.026	-0.3798	W 29	0.5143	1.023	-0.3705		0.0000	0.000	0.0000		
0.1000	W 5	0.4574	1.119	-0.5559	W 30	0.4528	1.127	-0.5678		0.0000	0.000	0.0000		
0.1500	W 6	0.4444	1.142	-0.5977	W 31	0.4222	1.182	-0.6662		0.0000	0.000	0.0000		
0.2000	W 7	0.4364	1.156	-0.6236	W 32	0.4104	1.204	-0.7039		0.0000	0.000	0.0000		
0.2500	W 8	0.4276	1.172	-0.6519	W 33	0.3989	1.225	-0.7410		0.0000	0.000	0.0000		
0.3000	W 9	0.4208	1.184	-0.6736	W 34	0.3902	1.242	-0.7687		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4112	1.202	-0.7045	W 35	0.3803	1.261	-0.8005		0.0000	0.000	0.0000		
0.3750		0.0000	0.000	0.0000	W 36	0.3753	1.271	-0.8166	W 51	0.3506	1.321	-0.8959		
0.4000	W 11	0.4052	1.213	-0.7238	W 37	0.3752	1.271	-0.8170	W 52	0.3449	1.333	-0.9142		
0.4250	W 12	0.4076	1.209	-0.7161	W 38	0.3734	1.275	-0.8228	W 53	0.3364	1.351	-0.9415		
0.4500	W 13	0.4070	1.210	-0.7181	W 39	0.3726	1.276	-0.8253	W 54	0.3346	1.355	-0.9474		
0.4750	W 14	0.4044	1.215	-0.7265	W 40	0.3717	1.278	-0.8282	W 55	0.3373	1.349	-0.9387		
0.5000	W 15	0.4070	1.210	-0.7180	W 41	0.3706	1.280	-0.8318	W 56	0.3494	1.324	-0.8998		
0.5250	W 16	0.4070	1.210	-0.7182	W 42	0.3703	1.281	-0.8328	W 57	0.3597	1.303	-0.8669		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3720	1.278	-0.8273	W 58	0.3707	1.280	-0.8314		
0.5750	W 18	0.4055	1.213	-0.7228	W 44	0.3776	1.267	-0.8093	W 59	0.4336	1.161	-0.6296		
0.6000	W 19	0.4054	1.213	-0.7232	W 45	0.3858	1.251	-0.7831		0.0000	0.000	0.0000		
0.6250	W 20	0.4020	1.219	-0.7341	W 46	0.4010	1.221	-0.7342	W 60	0.5305	0.996	-0.3184		
0.6500	W 21	0.4034	1.217	-0.7296	W 47	0.4489	1.134	-0.5802		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.4481	1.135	-0.5858	W 48	0.5727	0.929	-0.1828		0.0000	0.000	0.0000		
0.8000	W 24	0.0000	0.000	0.0000	W 49	0.6246	0.848	-0.0163		0.0000	0.000	0.0000		
0.9000	W 25	0.6343	0.833	0.0130	W 50	0.6507	0.808	0.0675		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9426	0.292	1.0042		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7324	0.682	0.3283		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6116	0.868	-0.0601		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5187	1.016	-0.3563		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4538	1.125	-0.5645		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4139	1.197	-0.6926		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3931	1.236	-0.7595		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3741	1.273	-0.8205		0.0000	0.000	0.0000	W 96	0.3526	1.317	-0.8897		
0.3000	W 69	0.3597	1.302	-0.8667		0.0000	0.000	0.0000	W 97	0.3516	1.319	-0.8928		
0.3250	W 70	0.3542	1.314	-0.8845		0.0000	0.000	0.0000	W 98	0.3516	1.319	-0.8962		
0.3500	W 71	0.3457	1.331	-0.9117	W 86	0.3371	1.350	-0.9393	W 99	0.3523	1.318	-0.8940		
0.3750	W 72	0.3377	1.348	-0.9373	W 87	0.3335	1.357	-0.9508	W 100	0.3552	1.312	-0.8846		
0.4000	W 73	0.3333	1.358	-0.9515	W 88	0.3356	1.353	-0.9441	W 101	0.3620	1.298	-0.8626		
0.4250	W 74	0.3331	1.358	-0.9522	W 89	0.3471	1.329	-0.9072		0.0000	0.000	0.0000		
0.4500	W 75	0.3418	1.340	-0.9244	W 90	0.3544	1.313	-0.8837	W 102	0.3728	1.276	-0.8280		
0.4750	W 76	0.3535	1.315	-0.8867	W 91	0.3561	1.310	-0.8782		0.0000	0.000	0.0000		
0.5000	W 77	0.3575	1.307	-0.8738	W 92	0.3506	1.321	-0.8960	W 103	0.4215	1.183	-0.6713		
0.5250	W 78	0.3731	1.275	-0.8236	W 93	0.3777	1.266	-0.8091		0.0000	0.000	0.0000		
0.5500	W 79	0.4548	1.123	-0.5613	W 94	0.4651	1.106	-0.5284	W 104	0.5582	0.952	-0.2319		
0.5750	W 80	0.5156	1.021	-0.3663		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5452	0.973	-0.2712	W 95	0.5690	0.935	-0.1947	W 105	0.6078	0.874	-0.0723		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5890	0.903	-0.1303		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6170	0.860	-0.0405		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6344	0.833	0.0154		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6511	0.808	0.0688		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

WING PRESSURE DATA  
(U) RUN= 160 ALPHA= 0 DEG MINF= 0.838 REC= 3.96E+06  
PT= 2.30 ATM= 33.9 PSIA TT= 257. DEG K= 462. DEG R

2Y/B= .250					2Y/B= .500					2Y/B= .750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9509	0.269	1.0294		0.0000	0.000	0.0000		
0.0125	W 2	0.7222	0.698	0.2929	W 27	0.7380	0.673	0.3430		0.0000	0.000	0.0000		
0.0250	W 3	0.6166	0.861	-0.0476	W 28	0.6196	0.856	-0.0389		0.0000	0.000	0.0000		
0.0500	W 4	0.5183	1.016	-0.3643	W 29	0.5197	1.014	-0.3592		0.0000	0.000	0.0000		
0.1000	W 5	0.4607	1.113	-0.5501	W 30	0.4565	1.121	-0.5629		0.0000	0.000	0.0000		
0.1500	W 6	0.4490	1.134	-0.5878	W 31	0.4258	1.175	-0.6617		0.0000	0.000	0.0000		
0.2000	W 7	0.4380	1.153	-0.6232	W 32	0.4147	1.196	-0.6976		0.0000	0.000	0.0000		
0.2500	W 8	0.4313	1.165	-0.6449	W 33	0.4042	1.215	-0.7313		0.0000	0.000	0.0000		
0.3000	W 9	0.4264	1.174	-0.6606	W 34	0.3954	1.232	-0.7596		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4179	1.190	-0.6879	W 35	0.3868	1.249	-0.7875	W 51	0.3535	1.315	-0.8948		
0.3750		0.0000	0.000	0.0000	W 36	0.3782	1.265	-0.8152	W 52	0.3472	1.328	-0.9150		
0.4000	W 11	0.4083	1.208	-0.7191	W 37	0.3793	1.263	-0.8116	W 53	0.3386	1.347	-0.9427		
0.4250	W 12	0.4100	1.204	-0.7136	W 38	0.3749	1.272	-0.8256	W 54	0.3354	1.353	-0.9531		
0.4500	W 13	0.4115	1.202	-0.7086	W 39	0.3766	1.268	-0.8201	W 55	0.3326	1.359	-0.9619		
0.4750	W 14	0.4095	1.205	-0.7152	W 40	0.3756	1.270	-0.8233	W 56	0.3311	1.363	-0.9668		
0.5000	W 15	0.4125	1.200	-0.7056	W 41	0.3739	1.274	-0.8289	W 57	0.3761	1.269	-0.8217		
0.5250	W 16	0.4102	1.204	-0.7129	W 42	0.3711	1.280	-0.8380	W 58	0.4620	1.077	-0.4805		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3704	1.281	-0.8401	W 59	0.5089	1.032	-0.3941		
0.5750	W 18	0.4088	1.207	-0.7173	W 44	0.3689	1.284	-0.8450		0.0000	0.000	0.0000		
0.6000	W 19	0.4086	1.207	-0.7179	W 45	0.3780	1.266	-0.8158	W 60	0.5371	0.986	-0.3030		
0.6250	W 20	0.4056	1.213	-0.7277	W 46	0.4791	1.082	-0.4901		0.0000	0.000	0.0000		
0.6500	W 21	0.4023	1.219	-0.7382	W 47	0.5304	0.997	-0.3247		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5183	1.016	-0.3646	W 48	0.5698	0.934	-0.1976		0.0000	0.000	0.0000		
0.8000	W 24	0.5941	0.896	-0.1201	W 49	0.6158	0.862	-0.0496		0.0000	0.000	0.0000		
0.9000	W 25	0.6320	0.837	0.0021	W 50	0.6485	0.812	0.0556		0.0000	0.000	0.0000		

2Y/B= .775					2Y/B= .800					2Y/B= .900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9466	0.281	1.0157		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7438	0.664	0.3618		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6342	0.834	0.0081		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5179	1.017	-0.3649		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4640	1.108	-0.5391		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4194	1.187	-0.6826		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4023	1.219	-0.7377		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3817	1.259	-0.8042		0.0000	0.000	0.0000	W 96	0.3602	1.301	-0.8735		
0.3000	W 69	0.3665	1.289	-0.8533		0.0000	0.000	0.0000	W 97	0.3624	1.297	-0.8664		
0.3250	W 70	0.3609	1.300	-0.8711		0.0000	0.000	0.0000	W 98	0.3614	1.299	-0.8702		
0.3500	W 71	0.3505	1.321	-0.9046	W 86	0.3469	1.329	-0.9163	W 99	0.3614	1.299	-0.8701		
0.3750	W 72	0.3431	1.337	-0.9287	W 87	0.3396	1.344	-0.9398	W 100	0.3580	1.306	-0.8809		
0.4000	W 73	0.3370	1.350	-0.9481	W 88	0.3367	1.351	-0.9493	W 101	0.3573	1.307	-0.8833		
0.4250	W 74	0.3353	1.354	-0.9536	W 89	0.3350	1.354	-0.9546		0.0000	0.000	0.0000		
0.4500	W 75	0.3332	1.358	-0.9606	W 90	0.3393	1.345	-0.9409	W 102	0.3641	1.294	-0.8615		
0.4750	W 76	0.3356	1.353	-0.9528	W 91	0.3465	1.330	-0.9177		0.0000	0.000	0.0000		
0.5000	W 77	0.4014	1.221	-0.7406	W 92	0.4473	1.137	-0.5926	W 103	0.5257	1.004	-0.3407		
0.5250	W 78	0.4900	1.063	-0.4552	W 93	0.5040	1.040	-0.4101		0.0000	0.000	0.0000		
0.5500	W 79	0.5165	1.019	-0.3699	W 94	0.5240	1.007	-0.3458	W 104	0.5674	0.938	-0.2063		
0.5750	W 80	0.5326	0.993	-0.3178		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5479	0.968	-0.2685	W 95	0.5569	0.954	-0.2397	W 105	0.5884	0.904	-0.1385		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5781	0.921	-0.1715		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6013	0.884	-0.0965		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6263	0.846	-0.0160		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6442	0.818	0.0416		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. — WING PRESSURE DATA; ALPHA = 0 DEG — Continued

(V) RUN= 155 ALPHA= 0 DEG MINF= 0.837 REC= 6.02E+06  
PT= 3.45 ATM= 50.7 PSIA TT= 254. DEG K= 457. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9493	0.274	1.0244		0.0000	0.000	0.0000		
0.0125	W 2	0.7237	0.696	0.2967	W 27	0.7326	0.682	0.3258		0.0000	0.000	0.0000		
0.0250	W 3	0.6165	0.861	-0.0492	W 28	0.6175	0.859	-0.0451		0.0000	0.000	0.0000		
0.0500	W 4	0.5208	1.012	-0.3578	W 29	0.5304	0.997	-0.3279		0.0000	0.000	0.0000		
0.1000	W 5	0.4638	1.108	-0.5418	W 30	0.4671	1.102	-0.5320		0.0000	0.000	0.0000		
0.1500	W 6	0.4509	1.130	-0.5834	W 31	0.4373	1.155	-0.6283		0.0000	0.000	0.0000		
0.2000	W 7	0.4464	1.138	-0.5978	W 32	0.4248	1.177	-0.6685		0.0000	0.000	0.0000		
0.2500	W 8	0.4347	1.159	-0.6356	W 33	0.4095	1.205	-0.7179		0.0000	0.000	0.0000		
0.3000	W 9	0.4297	1.168	-0.6517	W 34	0.3988	1.225	-0.7523		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W 51	0.3569	1.308	-0.8875		
0.3500	W 10	0.4197	1.186	-0.6839	W 35	0.3897	1.243	-0.7818	W 52	0.3513	1.320	-0.9057		
0.3750		0.0000	0.000	0.0000	W 36	0.3826	1.257	-0.8049	W 53	0.3404	1.343	-0.9410		
0.4000	W 11	0.4085	1.207	-0.7202	W 37	0.3834	1.255	-0.8022	W 54	0.3385	1.347	-0.9469		
0.4250	W 12	0.4098	1.205	-0.7160	W 38	0.3773	1.267	-0.8219	W 55	0.3356	1.353	-0.9565		
0.4500	W 13	0.4133	1.198	-0.7047	W 39	0.3792	1.263	-0.8156	W 56	0.3354	1.353	-0.9570		
0.4750	W 14	0.4128	1.199	-0.7061	W 40	0.3780	1.266	-0.8196	W 57	0.3833	1.255	-0.8026		
0.5000	W 15	0.4119	1.201	-0.7091	W 41	0.3781	1.266	-0.8193	W 58	0.4837	1.074	-0.4783		
0.5250	W 16	0.4103	1.204	-0.7144	W 42	0.3753	1.271	-0.8284	W 59	0.5109	1.028	-0.3908		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3724	1.277	-0.8377		0.0000	0.000	0.0000		
0.5750	W 18	0.4096	1.205	-0.7165	W 44	0.3716	1.278	-0.8401	W 60	0.5450	0.973	-0.2807		
0.6000	W 19	0.4099	1.205	-0.7156	W 45	0.4118	1.201	-0.7105		0.0000	0.000	0.0000		
0.6250	W 20	0.4094	1.206	-0.7173	W 46	0.5028	1.042	-0.4169		0.0000	0.000	0.0000		
0.6500	W 21	0.4086	1.207	-0.7199	W 47	0.5380	0.984	-0.3033		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5154	1.021	-0.3754	W 48	0.5737	0.928	-0.1881		0.0000	0.000	0.0000		
0.8000	W 24	0.5938	0.896	-0.1225	W 49	0.6175	0.859	-0.0467		0.0000	0.000	0.0000		
0.9000	W 25	0.6322	0.837	0.0015	W 50	0.6475	0.813	0.0501		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9425	0.292	1.0027		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7358	0.677	0.3363		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6260	0.846	-0.0179		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5304	0.997	-0.3279		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4617	1.112	-0.5486		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4174	1.191	-0.6913		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4015	1.220	-0.7426		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3821	1.258	-0.8053		0.0000	0.000	0.0000	W 96	0.3608	1.300	-0.8740		
0.3000	W 69	0.3672	1.287	-0.8532		0.0000	0.000	0.0000	W 97	0.3622	1.297	-0.8696		
0.3250	W 70	0.3611	1.300	-0.8731		0.0000	0.000	0.0000	W 98	0.3589	1.304	-0.8802		
0.3500	W 71	0.3512	1.320	-0.9051	W 86	0.3448	1.333	-0.9255	W 99	0.3592	1.304	-0.8792		
0.3750	W 72	0.3450	1.333	-0.9248	W 87	0.3411	1.341	-0.9374	W100	0.3570	1.308	-0.8863		
0.4000	W 73	0.3388	1.346	-0.9450	W 88	0.3374	1.349	-0.9494	W101	0.3567	1.309	-0.8872		
0.4250	W 74	0.3365	1.351	-0.9523	W 89	0.3357	1.353	-0.9548		0.0000	0.000	0.0000		
0.4500	W 75	0.3343	1.356	-0.9595	W 90	0.3401	1.343	-0.9406	W102	0.4041	1.216	-0.7344		
0.4750	W 76	0.3379	1.348	-0.9478	W 91	0.3597	1.302	-0.8774		0.0000	0.000	0.0000		
0.5000	W 77	0.4393	1.151	-0.6209	W 92	0.4706	1.096	-0.5199	W103	0.5337	0.991	-0.3164		
0.5250	W 78	0.4973	1.051	-0.4337	W 93	0.5077	1.034	-0.4000		0.0000	0.000	0.0000		
0.5500	W 79	0.5187	1.016	-0.3647	W 94	0.5255	1.004	-0.3426	W104	0.5701	0.933	-0.1990		
0.5750	W 80	0.5351	0.989	-0.3118		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5514	0.963	-0.2592	W 95	0.5613	0.947	-0.2271	W105	0.5925	0.898	-0.1266		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5835	0.912	-0.1555		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6069	0.876	-0.0803		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6292	0.841	-0.0082		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6479	0.813	0.0520		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-I. - WING PRESSURE DATA; ALPHA = 0 DEG - Concluded

## WING PRESSURE DATA

(W) RUN= 158 ALPHA= 0 DEG MINF= 0.835 REC= 8.00E+06  
PT= 4.60 ATM= 67.6 PSIA TT= 254. DEG K= 458. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9496	0.273	1.0240		0.0000	0.000	0.0000		
0.0125	W 2	0.7258	0.692	0.2993	W 27	0.7395	0.671	0.3447		0.0000	0.000	0.0000		
0.0250	W 3	0.6212	0.854	-0.0389	W 28	0.6242	0.849	-0.0279		0.0000	0.000	0.0000		
0.0500	W 4	0.5278	1.001	-0.3411	W 29	0.5348	0.989	-0.3187		0.0000	0.000	0.0000		
0.1000	W 5	0.4714	1.095	-0.5239	W 30	0.4702	1.097	-0.5276		0.0000	0.000	0.0000		
0.1500	W 6	0.4578	1.118	-0.5675	W 31	0.4420	1.146	-0.6190		0.0000	0.000	0.0000		
0.2000	W 7	0.4504	1.131	-0.5917	W 32	0.4314	1.165	-0.6533		0.0000	0.000	0.0000		
0.2500	W 8	0.4375	1.154	-0.6333	W 33	0.4147	1.196	-0.7072		0.0000	0.000	0.0000		
0.3000	W 9	0.4321	1.164	-0.6508	W 34	0.4014	1.221	-0.7505		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4216	1.183	-0.6848	W 35	0.3922	1.238	-0.7803	W 51	0.3602	1.301	-0.8837		
0.3750		0.0000	0.000	0.0000	W 36	0.3864	1.249	-0.7989	W 52	0.3530	1.316	-0.9071		
0.4000	W 11	0.4115	1.202	-0.7175	W 37	0.3876	1.247	-0.7952	W 53	0.3433	1.337	-0.9385		
0.4250	W 12	0.4125	1.200	-0.7144	W 38	0.3801	1.262	-0.8194	W 54	0.3408	1.342	-0.9466		
0.4500	W 13	0.4158	1.194	-0.7034	W 39	0.3825	1.257	-0.8116	W 55	0.3382	1.347	-0.9550		
0.4750	W 14	0.4144	1.196	-0.7081	W 40	0.3810	1.260	-0.8165	W 56	0.3402	1.343	-0.9483		
0.5000	W 15	0.4146	1.196	-0.7074	W 41	0.3803	1.261	-0.8188	W 57	0.4657	1.105	-0.5423		
0.5250	W 16	0.4123	1.200	-0.7150	W 42	0.3770	1.268	-0.8294	W 58	0.5092	1.031	-0.4016		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3756	1.271	-0.8340	W 59	0.5286	0.999	-0.3388		
0.5750	W 18	0.4129	1.199	-0.7129	W 44	0.3852	1.252	-0.8028		0.0000	0.000	0.0000		
0.6000	W 19	0.4118	1.201	-0.7164	W 45	0.4872	1.068	-0.4727	W 60	0.5665	0.939	-0.2162		
0.6250	W 20	0.4080	1.208	-0.7287	W 46	0.5357	0.988	-0.3157		0.0000	0.000	0.0000		
0.6500	W 21	0.4398	1.150	-0.6258	W 47	0.5593	0.950	-0.2396		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5525	0.961	-0.2613	W 48	0.5892	0.903	-0.1427		0.0000	0.000	0.0000		
0.8000	W 24	0.6002	0.886	-0.1071	W 49	0.6227	0.851	-0.0344		0.0000	0.000	0.0000		
0.9000	W 25	0.6370	0.829	0.0122	W 50	0.6485	0.811	0.0493		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9437	0.289	1.0050		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7303	0.685	0.3152		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6232	0.850	-0.0311		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5207	1.012	-0.3645		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4592	1.116	-0.5634		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4158	1.194	-0.7039		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4016	1.220	-0.7495		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3833	1.255	-0.8089		0.0000	0.000	0.0000	W 96	0.3600	1.302	-0.8842		
0.3000	W 69	0.3675	1.287	-0.8601		0.0000	0.000	0.0000	W 97	0.3627	1.296	-0.8757		
0.3250	W 70	0.3630	1.296	-0.8747		0.0000	0.000	0.0000	W 98	0.3634	1.295	-0.8732		
0.3500	W 71	0.3533	1.316	-0.9061	W 86	0.3479	1.327	-0.9235	W 99	0.3647	1.292	-0.8691		
0.3750	W 72	0.3459	1.331	-0.9300	W 87	0.3423	1.339	-0.9416	W100	0.3627	1.296	-0.8753		
0.4000	W 73	0.3394	1.345	-0.9509	W 88	0.3388	1.346	-0.9529	W101	0.3631	1.296	-0.8742		
0.4250	W 74	0.3374	1.349	-0.9576	W 89	0.3370	1.350	-0.9587		0.0000	0.000	0.0000		
0.4500	W 75	0.3356	1.353	-0.9634	W 90	0.3431	1.337	-0.9389	W102	0.4930	1.058	-0.4539		
0.4750	W 76	0.3910	1.240	-0.7839	W 91	0.4517	1.129	-0.5877		0.0000	0.000	0.0000		
0.5000	W 77	0.4909	1.062	-0.4608	W 92	0.5055	1.037	-0.4135	W103	0.5580	0.952	-0.2434		
0.5250	W 78	0.5166	1.019	-0.3776	W 93	0.5268	1.002	-0.3445		0.0000	0.000	0.0000		
0.5500	W 79	0.5356	0.988	-0.3160	W 94	0.5455	0.972	-0.2840	W104	0.5851	0.910	-0.1558		
0.5750	W 80	0.5544	0.958	-0.2553		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5722	0.930	-0.1975	W 95	0.5812	0.916	-0.1686	W105	0.5977	0.890	-0.1151		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6010	0.885	-0.1046		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6154	0.862	-0.0578		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6311	0.838	-0.0071		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6511	0.808	0.0577		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-II. — WING PRESSURE DATA; ALPHA = 1 DEG

WING PRESSURE DATA  
 (A) RUN= 71 ALPHA= 1 DEG MINF= 0.499 REC= 5.91E+06  
 PT= 4.74 ATM= 69.6 PSIA TT= 253. DEG K= 456. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9827	0.158	0.9460		0.0000	0.000	0.0000		
0.0125	W 2	0.8291	0.524	-0.0977	W 27	0.8477	0.492	0.0282		0.0000	0.000	0.0000		
0.0250	W 3	0.7815	0.604	-0.4209	W 28	0.7942	0.583	-0.3352		0.0000	0.000	0.0000		
0.0500	W 4	0.7590	0.640	-0.5744	W 29	0.7715	0.620	-0.4938		0.0000	0.000	0.0000		
0.1000	W 5	0.7611	0.637	-0.5601	W 30	0.7675	0.627	-0.5210		0.0000	0.000	0.0000		
0.1500	W 6	0.7672	0.627	-0.5183	W 31	0.7724	0.619	-0.4880		0.0000	0.000	0.0000		
0.2000	W 7	0.7738	0.617	-0.4738	W 32	0.7756	0.614	-0.4657		0.0000	0.000	0.0000		
0.2500	W 8	0.7787	0.609	-0.4400	W 33	0.7791	0.608	-0.4420		0.0000	0.000	0.0000		
0.3000	W 9	0.7822	0.603	-0.4165	W 34	0.7833	0.601	-0.4137		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.7865	0.596	-0.3869	W 35	0.7888	0.592	-0.3759	W 51	0.7929	0.585	-0.3481		
0.3750		0.0000	0.000	0.0000	W 36	0.7900	0.590	-0.3678	W 52	0.7957	0.581	-0.3290		
0.4000	W 11	0.7918	0.587	-0.3512	W 37	0.7942	0.583	-0.3395	W 53	0.7977	0.578	-0.3153		
0.4250	W 12	0.7965	0.579	-0.3190	W 38	0.7949	0.582	-0.3344	W 54	0.8012	0.572	-0.2912		
0.4500	W 13	0.7999	0.574	-0.2961	W 39	0.7996	0.574	-0.3025	W 55	0.8037	0.568	-0.2743		
0.4750	W 14	0.8019	0.571	-0.2827	W 40	0.8025	0.570	-0.2828	W 56	0.8060	0.564	-0.2591		
0.5000	W 15	0.8038	0.567	-0.2696	W 41	0.8039	0.567	-0.2728	W 57	0.8079	0.560	-0.2455		
0.5250	W 16	0.8049	0.566	-0.2619	W 42	0.8063	0.563	-0.2566	W 58	0.8104	0.556	-0.2286		
0.5500	W 17	0.8000	0.000	0.0000	W 43	0.8093	0.558	-0.2360	W 59	0.8140	0.550	-0.2043		
0.5750	W 18	0.8102	0.557	-0.2262	W 44	0.8118	0.554	-0.2192		0.0000	0.000	0.0000		
0.6000	W 19	0.8128	0.552	-0.2086	W 45	0.8144	0.550	-0.2014	W 60	0.8187	0.542	-0.1725		
0.6250	W 20	0.8161	0.547	-0.1863	W 46	0.8169	0.545	-0.1844		0.0000	0.000	0.0000		
0.6500	W 21	0.8174	0.545	-0.1775	W 47	0.8188	0.542	-0.1713		0.0000	0.000	0.0000		
0.6750	W 22	0.8000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.8209	0.539	-0.1537	W 48	0.8240	0.533	-0.1363		0.0000	0.000	0.0000		
0.8000	W 24	0.8316	0.520	-0.0806	W 49	0.8334	0.517	-0.0720		0.0000	0.000	0.0000		
0.9000	W 25	0.8449	0.497	0.0097	W 50	0.8450	0.496	0.0071		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.8507	0.486	0.0490		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.7964	0.580	-0.3200		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.7740	0.616	-0.4767		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.7696	0.623	-0.5048		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.7721	0.619	-0.4878		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.7787	0.609	-0.4432		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.7841	0.600	-0.4064		0.0000	0.000	0.0000	W 96	0.7919	0.587	-0.3531		
0.3000	W 69	0.7898	0.590	-0.3673		0.0000	0.000	0.0000	W 97	0.7963	0.580	-0.3236		
0.3250	W 70	0.7917	0.587	-0.3544		0.0000	0.000	0.0000	W 98	0.7979	0.577	-0.3100		
0.3500	W 71	0.7939	0.584	-0.3398	W 86	0.7958	0.581	-0.3269	W 99	0.8009	0.572	-0.2895		
0.3750	W 72	0.7969	0.579	-0.3189	W 87	0.7975	0.578	-0.3150	W100	0.8028	0.569	-0.2767		
0.4000	W 73	0.7997	0.574	-0.3002	W 88	0.8010	0.572	-0.2915	W101	0.8049	0.565	-0.2618		
0.4250	W 74	0.8026	0.569	-0.2802	W 89	0.8026	0.569	-0.2802		0.0000	0.000	0.0000		
0.4500	W 75	0.8050	0.565	-0.2638	W 90	0.8058	0.564	-0.2586	W102	0.8107	0.556	-0.2231		
0.4750	W 76	0.8075	0.561	-0.2470	W 91	0.8093	0.558	-0.2348		0.0000	0.000	0.0000		
0.5000	W 77	0.8110	0.555	-0.2233	W 92	0.8118	0.554	-0.2175	W103	0.8162	0.547	-0.1852		
0.5250	W 78	0.8130	0.552	-0.2095	W 93	0.8133	0.551	-0.2073		0.0000	0.000	0.0000		
0.5500	W 79	0.8142	0.550	-0.2015	W 94	0.8160	0.547	-0.1894	W104	0.8184	0.543	-0.1701		
0.5750	W 80	0.8164	0.546	-0.1867		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.8196	0.541	-0.1649	W 95	0.8202	0.540	-0.1604	W105	0.8232	0.535	-0.1377		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.8238	0.534	-0.1362		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.8283	0.526	-0.1052		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.8373	0.510	-0.0439		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.8478	0.492	0.0271		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-II. — WING PRESSURE DATA; ALPHA = 1 DEG — Continued

WING PRESSURE DATA  
 (B) RUN= 72 ALPHA= 1 DEG MINF= 0.602 REC= 5.92E+06  
 PT= 4.16 ATM= 61.1 PSIA TT= 255. DEG K= 460. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9741	0.194	0.9630		0.0000	0.000	0.0000		
0.0125	W 2	0.7704	0.622	-0.0636	W 27	0.7980	0.577	0.0753		0.0000	0.000	0.0000		
0.0250	W 3	0.7053	0.724	-0.3916	W 28	0.7204	0.701	-0.3162		0.0000	0.000	0.0000		
0.0500	W 4	0.6681	0.782	-0.5794	W 29	0.6817	0.761	-0.5091		0.0000	0.000	0.0000		
0.1000	W 5	0.6652	0.786	-0.5940	W 30	0.6711	0.777	-0.5626		0.0000	0.000	0.0000		
0.1500	W 6	0.6735	0.773	-0.5522	W 31	0.6778	0.767	-0.5289		0.0000	0.000	0.0000		
0.2000	W 7	0.6790	0.765	-0.5244	W 32	0.6824	0.760	-0.5058		0.0000	0.000	0.0000		
0.2500	W 8	0.6891	0.749	-0.4731	W 33	0.6896	0.748	-0.4696		0.0000	0.000	0.0000		
0.3000	W 9	0.6942	0.741	-0.4476	W 34	0.6954	0.740	-0.4404		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.7003	0.732	-0.4166	W 35	0.7031	0.728	-0.4017	W 51	0.7085	0.719	-0.3741		
0.3750		0.0000	0.000	0.0000	W 36	0.7066	0.722	-0.3839	W 52	0.7133	0.712	-0.3500		
0.4000	W 11	0.7083	0.720	-0.3763	W 37	0.7121	0.714	-0.3560	W 53	0.7165	0.707	-0.3339		
0.4250	W 12	0.7151	0.709	-0.3425	W 38	0.7130	0.712	-0.3518	W 54	0.7218	0.699	-0.3073		
0.4500	W 13	0.7171	0.706	-0.3321	W 39	0.7195	0.702	-0.3187	W 55	0.7258	0.692	-0.2871		
0.4750	W 14	0.7216	0.699	-0.3096	W 40	0.7241	0.695	-0.2959	W 56	0.7307	0.685	-0.2622		
0.5000	W 15	0.7253	0.693	-0.2910	W 41	0.7272	0.690	-0.2801	W 57	0.7344	0.679	-0.2439		
0.5250	W 16	0.7275	0.690	-0.2796	W 42	0.7306	0.685	-0.2627	W 58	0.7379	0.673	-0.2259		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.7347	0.678	-0.2421	W 59	0.7410	0.669	-0.2105		
0.5750	W 18	0.7347	0.679	-0.2437	W 44	0.7384	0.673	-0.2236		0.0000	0.000	0.0000		
0.6000	W 19	0.7387	0.672	-0.2233	W 45	0.7423	0.667	-0.2041	W 60	0.7476	0.658	-0.1771		
0.6250	W 20	0.7420	0.667	-0.2067	W 46	0.7457	0.661	-0.1868		0.0000	0.000	0.0000		
0.6500	W 21	0.7437	0.664	-0.1982	W 47	0.7487	0.657	-0.1719		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.7507	0.653	-0.1629	W 48	0.7561	0.645	-0.1344		0.0000	0.000	0.0000		
0.8000	W 24	0.7662	0.629	-0.0845	W 49	0.7700	0.623	-0.0646		0.0000	0.000	0.0000		
0.9000	W 25	0.7850	0.598	0.0102	W 50	0.7874	0.594	0.0233		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7995	0.575	0.0826		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.7298	0.686	-0.2686		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.6858	0.754	-0.4885		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.6714	0.776	-0.5598		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.6759	0.769	-0.5369		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.6860	0.754	-0.4864		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.6943	0.741	-0.4442		0.0000	0.000	0.0000	W 96	0.7060	0.723	-0.3853		
0.3000	W 69	0.7032	0.727	-0.3995		0.0000	0.000	0.0000	W 97	0.7131	0.712	-0.3495		
0.3250	W 70	0.7067	0.722	-0.3817		0.0000	0.000	0.0000	W 98	0.7171	0.706	-0.3323		
0.3500	W 71	0.7098	0.717	-0.3662	W 86	0.7128	0.713	-0.3512	W 99	0.7217	0.699	-0.3092		
0.3750	W 72	0.7152	0.709	-0.3392	W 87	0.7162	0.707	-0.3343	W 100	0.7249	0.694	-0.2928		
0.4000	W 73	0.7189	0.703	-0.3207	W 88	0.7209	0.700	-0.3103	W 101	0.7280	0.689	-0.2774		
0.4250	W 74	0.7236	0.696	-0.2970	W 89	0.7238	0.696	-0.2961		0.0000	0.000	0.0000		
0.4500	W 75	0.7275	0.690	-0.2775	W 90	0.7287	0.688	-0.2713	W 102	0.7360	0.677	-0.2370		
0.4750	W 76	0.7306	0.685	-0.2615	W 91	0.7334	0.681	-0.2477		0.0000	0.000	0.0000		
0.5000	W 77	0.7359	0.677	-0.2349	W 92	0.7371	0.675	-0.2291	W 103	0.7429	0.666	-0.2022		
0.5250	W 78	0.7393	0.671	-0.2181	W 93	0.7401	0.670	-0.2139		0.0000	0.000	0.0000		
0.5500	W 79	0.7414	0.668	-0.2076	W 94	0.7434	0.665	-0.1974	W 104	0.7479	0.658	-0.1768		
0.5750	W 80	0.7446	0.663	-0.1915		0.0000	0.000	0.0000	W 105	0.7548	0.647	-0.1423		
0.6000	W 81	0.7492	0.656	-0.1683	W 95	0.7500	0.655	-0.1643		0.0000	0.000	0.0000		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.7550	0.647	-0.1388		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.7618	0.636	-0.1047		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.7751	0.614	-0.0377		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.7901	0.590	0.0378		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-II. — WING PRESSURE DATA; ALPHA = 1 DEG — Continued

WING PRESSURE DATA  
(C) RUN= 73 ALPHA= 1 DEG MINF= 0.695 REC= 5.84E+06  
PT= 3.75 ATM= 55.1 PSIA TT= 256. DEG K= 461. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9670	0.219	0.9920		W 51	0.6215	0.853	-0.4219	
0.0125	W 2	0.7260	0.692	0.0064	W 27	0.7546	0.647	0.1251		W 52	0.6289	0.842	-0.3915	
0.0250	W 3	0.6353	0.832	-0.3642	W 28	0.6546	0.802	-0.2832		W 53	0.6342	0.834	-0.3699	
0.0500	W 4	0.5749	0.926	-0.6112	W 29	0.5835	0.912	-0.5773		W 54	0.6421	0.821	-0.3378	
0.1000	W 5	0.5643	0.942	-0.6548	W 30	0.5639	0.943	-0.6577		W 55	0.6474	0.813	-0.3161	
0.1500	W 6	0.5712	0.931	-0.6264	W 31	0.5734	0.928	-0.6188		W 56	0.6539	0.803	-0.2895	
0.2000	W 7	0.5811	0.916	-0.5861	W 32	0.5789	0.919	-0.5961		W 57	0.6587	0.796	-0.2699	
0.2500	W 8	0.5918	0.899	-0.5420	W 33	0.5887	0.904	-0.5562		W 58	0.6639	0.788	-0.2485	
0.3000	W 9	0.5982	0.889	-0.5161	W 34	0.5997	0.887	-0.5109		W 59	0.6692	0.780	-0.2266	
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.3500	W 10	0.6080	0.874	-0.4758	W 35	0.6109	0.870	-0.4654		W 60	0.6785	0.766	-0.1888	
0.3750		0.0000	0.000	0.0000	W 36	0.6157	0.862	-0.4456			0.0000	0.000	0.0000	
0.4000	W 11	0.6184	0.858	-0.4334	W 37	0.6240	0.849	-0.4115			0.0000	0.000	0.0000	
0.4250	W 12	0.6290	0.841	-0.3899	W 38	0.6275	0.844	-0.3972			0.0000	0.000	0.0000	
0.4500	W 13	0.6317	0.837	-0.3789	W 39	0.6360	0.831	-0.3626			0.0000	0.000	0.0000	
0.4750	W 14	0.6382	0.827	-0.3524	W 40	0.6422	0.821	-0.3374			0.0000	0.000	0.0000	
0.5000	W 15	0.6469	0.814	-0.3170	W 41	0.6473	0.813	-0.3164			0.0000	0.000	0.0000	
0.5250	W 16	0.6470	0.814	-0.3166	W 42	0.6530	0.805	-0.2932			0.0000	0.000	0.0000	
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.6584	0.796	-0.2710			0.0000	0.000	0.0000	
0.5750	W 18	0.6569	0.799	-0.2759	W 44	0.6632	0.789	-0.2513			0.0000	0.000	0.0000	
0.6000	W 19	0.6622	0.790	-0.2543	W 45	0.6685	0.781	-0.2297			0.0000	0.000	0.0000	
0.6250	W 20	0.6666	0.784	-0.2365	W 46	0.6732	0.774	-0.2103			0.0000	0.000	0.0000	
0.6500	W 21	0.6699	0.779	-0.2228	W 47	0.6779	0.766	-0.1910			0.0000	0.000	0.0000	
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 23	0.6801	0.763	-0.1813	W 48	0.6879	0.751	-0.1501			0.0000	0.000	0.0000	
0.8000	W 24	0.7017	0.730	-0.0929	W 49	0.7074	0.721	-0.0706			0.0000	0.000	0.0000	
0.9000	W 25	0.7272	0.690	0.0115	W 50	0.7316	0.683	0.0286			0.0000	0.000	0.0000	

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 61	0.9644	0.228	0.9813		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0125	W 62	0.7514	0.652	0.1117		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0250	W 63	0.6599	0.794	-0.2615		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0500	W 64	0.5878	0.903	-0.5596		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1000	W 65	0.5660	0.940	-0.6450		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1500	W 66	0.5723	0.930	-0.6194		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2000	W 67	0.5857	0.909	-0.5646		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2500	W 68	0.5999	0.887	-0.5066		0.0000	0.000	0.0000		W 96	0.6175	0.859	-0.4349	
0.3000	W 69	0.6138	0.865	-0.4497		0.0000	0.000	0.0000		W 97	0.6289	0.842	-0.3883	
0.3250	W 70	0.6188	0.857	-0.4295		0.0000	0.000	0.0000		W 98	0.6337	0.834	-0.3709	
0.3500	W 71	0.6242	0.849	-0.4072	W 86	0.6272	0.844	-0.3950		W 99	0.6402	0.824	-0.3445	
0.3750	W 72	0.6317	0.837	-0.3767	W 87	0.6334	0.835	-0.3698		W100	0.6456	0.816	-0.3224	
0.4000	W 73	0.6373	0.829	-0.3539	W 88	0.6403	0.824	-0.3418		W101	0.6502	0.809	-0.3036	
0.4250	W 74	0.6441	0.818	-0.3260	W 89	0.6449	0.817	-0.3229			0.0000	0.000	0.0000	
0.4500	W 75	0.6497	0.810	-0.3032	W 90	0.6517	0.807	-0.2950		W102	0.6617	0.791	-0.2564	
0.4750	W 76	0.6549	0.802	-0.2822	W 91	0.6581	0.797	-0.2692			0.0000	0.000	0.0000	
0.5000	W 77	0.6612	0.792	-0.2565	W 92	0.6632	0.789	-0.2480		W103	0.6713	0.776	-0.2170	
0.5250	W 78	0.6656	0.785	-0.2383	W 93	0.6683	0.781	-0.2276			0.0000	0.000	0.0000	
0.5500	W 79	0.6698	0.779	-0.2213	W 94	0.6722	0.775	-0.2115		W104	0.6789	0.765	-0.1860	
0.5750	W 80	0.6741	0.772	-0.2039		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6000	W 81	0.6801	0.763	-0.1791	W 95	0.6815	0.761	-0.1734		W105	0.6879	0.751	-0.1495	
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6500	W 82	0.6891	0.749	-0.1425		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 83	0.6975	0.736	-0.1082		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.8000	W 84	0.7150	0.709	-0.0368		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.9000	W 85	0.7351	0.678	0.0455		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE A-II. — WING PRESSURE DATA; ALPHA = 1 DEG — Continued

(D) RUN= 74 ALPHA= 1 DEG MINF= 0.819 REC= 2.03E+06  
 PT= 1.24 ATM= 18.2 PSIA TT= 264. DEG K= 475. DEG R

## WING PRESSURE DATA

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9504	0.271	1.0150		0.0000	0.000	0.0000		
0.0125	W 2	0.7007	0.731	0.1886	W 27	0.7107	0.716	0.2217		0.0000	0.000	0.0000		
0.0250	W 3	0.5894	0.903	-0.1797	W 28	0.5894	0.903	-0.1795		0.0000	0.000	0.0000		
0.0500	W 4	0.4918	1.060	-0.5026	W 29	0.4913	1.061	-0.5068		0.0000	0.000	0.0000		
0.1000	W 5	0.4440	1.143	-0.6608	W 30	0.4359	1.157	-0.6901		0.0000	0.000	0.0000		
0.1500	W 6	0.4310	1.166	-0.7038	W 31	0.4076	1.209	-0.7840		0.0000	0.000	0.0000		
0.2000	W 7	0.4270	1.173	-0.7171	W 32	0.3958	1.231	-0.8230		0.0000	0.000	0.0000		
0.2500	W 8	0.4227	1.181	-0.7312	W 33	0.3872	1.248	-0.8515		0.0000	0.000	0.0000		
0.3000	W 9	0.4171	1.191	-0.7498	W 34	0.3828	1.256	-0.8662		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4122	1.200	-0.7660	W 35	0.3746	1.272	-0.8933	W 51	0.3442	1.335	-0.9939		
0.3750		0.0000	0.000	0.0000	W 36	0.3724	1.277	-0.9005	W 52	0.3452	1.333	-0.9908		
0.4000	W 11	0.4076	1.209	-0.7811	W 37	0.3721	1.277	-0.9014	W 53	0.3566	1.309	-0.9528		
0.4250	W 12	0.4107	1.203	-0.7708	W 38	0.3741	1.273	-0.8948	W 54	0.3763	1.269	-0.8875		
0.4500	W 13	0.4089	1.207	-0.7770	W 39	0.3821	1.258	-0.8685	W 55	0.4671	1.102	-0.5869		
0.4750	W 14	0.4113	1.202	-0.7689	W 40	0.3899	1.243	-0.8427	W 56	0.5287	0.999	-0.3827		
0.5000	W 15	0.4146	1.196	-0.7581	W 41	0.3964	1.230	-0.8211	W 57	0.5599	0.949	-0.2792		
0.5250	W 16	0.4172	1.191	-0.7494	W 42	0.4125	1.200	-0.7677	W 58	0.5807	0.916	-0.2104		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5008	1.045	-0.4752	W 59	0.5941	0.896	-0.1661		
0.5750	W 18	0.4577	1.119	-0.6155	W 44	0.5726	0.929	-0.2373		0.0000	0.000	0.0000		
0.6000	W 19	0.5238	1.007	-0.3968	W 45	0.5948	0.894	-0.1637	W 60	0.6083	0.874	-0.1190		
0.6250	W 20	0.5554	0.957	-0.2922	W 46	0.6043	0.880	-0.1321		0.0000	0.000	0.0000		
0.6500	W 21	0.5730	0.929	-0.2339	W 47	0.6089	0.873	-0.1170		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5911	0.900	-0.1740	W 48	0.6167	0.860	-0.0910		0.0000	0.000	0.0000		
0.8000	W 24	0.6152	0.863	-0.0941	W 49	0.6327	0.836	-0.0382		0.0000	0.000	0.0000		
0.9000	W 25	0.6475	0.813	0.0127	W 50	0.6592	0.795	0.0496		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9439	0.288	0.9935		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7089	0.719	0.2159		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6029	0.882	-0.1349		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4909	1.062	-0.5078		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4381	1.153	-0.6830		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4001	1.223	-0.8089		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3810	1.260	-0.8720		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3638	1.294	-0.9290		0.0000	0.000	0.0000	W 96	0.3536	1.315	-0.9629		
0.3000	W 69	0.3517	1.319	-0.9692		0.0000	0.000	0.0000	W 97	0.3728	1.276	-0.8994		
0.3250	W 70	0.3486	1.325	-0.9793		0.0000	0.000	0.0000	W 98	0.3774	1.267	-0.8812		
0.3500	W 71	0.3560	1.310	-0.9548	W 86	0.3723	1.277	-0.9008	W 99	0.3837	1.255	-0.8601		
0.3750	W 72	0.3644	1.293	-0.9269	W 87	0.3694	1.283	-0.9106	W100	0.4259	1.175	-0.7206		
0.4000	W 73	0.3622	1.297	-0.9345	W 88	0.3701	1.281	-0.9081	W101	0.5333	0.992	-0.3652		
0.4250	W 74	0.3928	1.237	-0.8329	W 89	0.4226	1.181	-0.7342		0.0000	0.000	0.0000		
0.4500	W 75	0.4833	1.074	-0.5330	W 90	0.5003	1.046	-0.4769	W102	0.5881	0.905	-0.1838		
0.4750	W 76	0.5451	0.973	-0.3283	W 91	0.5591	0.951	-0.2820		0.0000	0.000	0.0000		
0.5000	W 77	0.5801	0.917	-0.2123	W 92	0.5904	0.901	-0.1782	W103	0.5931	0.897	-0.1675		
0.5250	W 78	0.5989	0.888	-0.1503	W 93	0.6031	0.882	-0.1362		0.0000	0.000	0.0000		
0.5500	W 79	0.6065	0.876	-0.1249	W 94	0.6083	0.874	-0.1191	W104	0.5964	0.892	-0.1564		
0.5750	W 80	0.6083	0.874	-0.1191		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6105	0.870	-0.1116	W 95	0.6092	0.872	-0.1162	W105	0.6027	0.882	-0.1355		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6134	0.866	-0.1021		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6194	0.856	-0.0822		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6367	0.830	-0.0250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6600	0.794	0.0523		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-II. - WING PRESSURE DATA; ALPHA = 1 DEG - Continued

WING PRESSURE DATA  
 (E) RUN= 75 ALPHA= 1 DEG MINF= 0.815 REC= 3.83E+06  
 PT= 2.31 ATM= 34.0 PSIA TT= 261. DEG K= 471. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9510	0.269	1.0145		0.0000	0.000	0.0000		
0.0125	W 2	0.7037	0.727	0.1924	W 27	0.7157	0.708	0.2319		0.0000	0.000	0.0000		
0.0250	W 3	0.5949	0.894	-0.1695	W 28	0.5954	0.894	-0.1686		0.0000	0.000	0.0000		
0.0500	W 4	0.4961	1.053	-0.4980	W 29	0.4997	1.047	-0.4863		0.0000	0.000	0.0000		
0.1000	W 5	0.4471	1.137	-0.6609	W 30	0.4421	1.146	-0.6780		0.0000	0.000	0.0000		
0.1500	W 6	0.4365	1.156	-0.6962	W 31	0.4143	1.196	-0.7704		0.0000	0.000	0.0000		
0.2000	W 7	0.4358	1.157	-0.6987	W 32	0.4039	1.216	-0.8051		0.0000	0.000	0.0000		
0.2500	W 8	0.4298	1.168	-0.7186	W 33	0.3953	1.232	-0.8336		0.0000	0.000	0.0000		
0.3000	W 9	0.4252	1.176	-0.7337	W 34	0.3935	1.236	-0.8395		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4198	1.186	-0.7516	W 35	0.3854	1.251	-0.8667	W 51	0.3532	1.316	-0.9736		
0.3750		0.0000	0.000	0.0000	W 36	0.3796	1.263	-0.8858	W 52	0.3481	1.326	-0.9906		
0.4000	W 11	0.4112	1.202	-0.7803	W 37	0.3813	1.259	-0.8803	W 53	0.3502	1.322	-0.9836		
0.4250	W 12	0.4202	1.185	-0.7502	W 38	0.3801	1.262	-0.8841	W 54	0.4861	1.070	-0.5316		
0.4500	W 13	0.4164	1.193	-0.7630	W 39	0.3841	1.254	-0.8708	W 55	0.5263	1.003	-0.3981		
0.4750	W 14	0.4184	1.189	-0.7563	W 40	0.3851	1.252	-0.8675	W 56	0.5484	0.968	-0.3245		
0.5000	W 15	0.4212	1.184	-0.7470	W 41	0.4426	1.145	-0.6762	W 57	0.5671	0.938	-0.2621		
0.5250	W 16	0.4255	1.176	-0.7328	W 42	0.5414	0.979	-0.3477	W 58	0.5834	0.912	-0.2081		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5678	0.937	-0.2599	W 59	0.5943	0.895	-0.1719		
0.5750	W 18	0.5353	0.989	-0.3678	W 44	0.5805	0.917	-0.2177		0.0000	0.000	0.0000		
0.6000	W 19	0.5565	0.955	-0.2973	W 45	0.5892	0.903	-0.1886	W 60	0.6042	0.880	-0.1388		
0.6250	W 20	0.5675	0.937	-0.2606	W 46	0.5953	0.894	-0.1685		0.0000	0.000	0.0000		
0.6500	W 21	0.5753	0.925	-0.2346	W 47	0.6001	0.886	-0.1523		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5896	0.903	-0.1870	W 48	0.6098	0.871	-0.1202		0.0000	0.000	0.0000		
0.8000	W 24	0.6169	0.860	-0.0964	W 49	0.6308	0.839	-0.0505		0.0000	0.000	0.0000		
0.9000	W 25	0.6516	0.807	0.0189	W 50	0.6604	0.793	0.0481		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9443	0.287	0.9920		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7133	0.712	0.2237		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6042	0.880	-0.1393		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4988	1.048	-0.4894		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4375	1.154	-0.6928		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3984	1.226	-0.8227		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3842	1.254	-0.8699		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3677	1.286	-0.9250		0.0000	0.000	0.0000	W 96	0.3589	1.304	-0.9541		
0.3000	W 69	0.3549	1.312	-0.9676		0.0000	0.000	0.0000	W 97	0.3684	1.285	-0.9227		
0.3250	W 70	0.3503	1.322	-0.9828		0.0000	0.000	0.0000	W 98	0.3781	1.266	-0.8904		
0.3500	W 71	0.3423	1.339	-1.0093	W 86	0.3410	1.341	-1.0139	W 99	0.4481	1.135	-0.6577		
0.3750	W 72	0.3385	1.347	-1.0222	W 87	0.3396	1.344	-1.0183	W 100	0.5375	0.985	-0.3604		
0.4000	W 73	0.4165	1.192	-0.7627	W 88	0.4638	1.108	-0.6054	W 101	0.5618	0.946	-0.2796		
0.4250	W 74	0.5020	1.043	-0.4785	W 89	0.5206	1.013	-0.4165		0.0000	0.000	0.0000		
0.4500	W 75	0.5283	1.000	-0.3908	W 90	0.5473	0.969	-0.3278	W 102	0.5780	0.921	-0.2255		
0.4750	W 76	0.5517	0.962	-0.3131	W 91	0.5706	0.932	-0.2502		0.0000	0.000	0.0000		
0.5000	W 77	0.5743	0.927	-0.2381	W 92	0.5872	0.906	-0.1950	W 103	0.5854	0.909	-0.2009		
0.5250	W 78	0.5886	0.904	-0.1903	W 93	0.5944	0.895	-0.1710		0.0000	0.000	0.0000		
0.5500	W 79	0.5964	0.892	-0.1645	W 94	0.5986	0.889	-0.1573	W 104	0.5913	0.900	-0.1813		
0.5750	W 80	0.6014	0.884	-0.1480		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6062	0.877	-0.1319	W 95	0.6048	0.879	-0.1367	W 105	0.6002	0.886	-0.1518		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6118	0.868	-0.1133		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6191	0.857	-0.0891		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6379	0.828	-0.0266		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6617	0.791	0.0525		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-II. - WING PRESSURE DATA; ALPHA = 1 DEG - Continued

WING PRESSURE DATA  
 (F) RUN= 77 ALPHA= 1 DEG MINF= 0.815 REC= 6.13E+06  
 PT= 3.64 ATM= 53.5 PSIA TT= 258. DEG K= 465. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9534	0.262	1.0223		0.0000	0.000	0.0000		
0.0125	W 2	0.6993	0.733	0.1779	W 27	0.7157	0.708	0.2314		0.0000	0.000	0.0000		
0.0250	W 3	0.5920	0.899	-0.1789	W 28	0.5954	0.893	-0.1689		0.0000	0.000	0.0000		
0.0500	W 4	0.4976	1.050	-0.4929	W 29	0.4996	1.047	-0.4892		0.0000	0.000	0.0000		
0.1000	W 5	0.4503	1.131	-0.6502	W 30	0.4465	1.138	-0.6659		0.0000	0.000	0.0000		
0.1500	W 6	0.4374	1.154	-0.6930	W 31	0.4193	1.187	-0.7565		0.0000	0.000	0.0000		
0.2000	W 7	0.4364	1.156	-0.6965	W 32	0.4062	1.212	-0.8002		0.0000	0.000	0.0000		
0.2500	W 8	0.4295	1.169	-0.7194	W 33	0.3990	1.225	-0.8239		0.0000	0.000	0.0000		
0.3000	W 9	0.4237	1.179	-0.7386	W 34	0.3937	1.235	-0.8417		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4181	1.189	-0.7572	W 35	0.3860	1.250	-0.8673	W 51	0.3523	1.318	-0.9795		
0.3750		0.0000	0.000	0.0000	W 36	0.3800	1.262	-0.8874	W 52	0.3473	1.328	-0.9963		
0.4000	W 11	0.4092	1.206	-0.7867	W 37	0.3819	1.258	-0.8811	W 53	0.3777	1.266	-0.8950		
0.4250	W 12	0.4175	1.191	-0.7592	W 38	0.3776	1.267	-0.8953	W 54	0.4957	1.054	-0.5020		
0.4500	W 13	0.4143	1.197	-0.7700	W 39	0.3812	1.259	-0.8833	W 55	0.5269	1.002	-0.3982		
0.4750	W 14	0.4165	1.192	-0.7624	W 40	0.3893	1.244	-0.8565	W 56	0.5485	0.968	-0.3264		
0.5000	W 15	0.4182	1.189	-0.7570	W 41	0.4700	1.084	-0.5610	W 57	0.5673	0.938	-0.2638		
0.5250	W 16	0.4207	1.185	-0.7484	W 42	0.5341	0.991	-0.3742	W 58	0.5830	0.913	-0.2113		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5590	0.951	-0.2912	W 59	0.5931	0.897	-0.1779		
0.5750	W 18	0.5305	0.996	-0.3836	W 44	0.5733	0.928	-0.2438		0.0000	0.000	0.0000		
0.6000	W 19	0.5537	0.959	-0.3064	W 45	0.5838	0.912	-0.2087	W 60	0.6037	0.881	-0.1424		
0.6250	W 20	0.5671	0.938	-0.2617	W 46	0.5918	0.899	-0.1821		0.0000	0.000	0.0000		
0.6500	W 21	0.5749	0.926	-0.2359	W 47	0.5982	0.889	-0.1607		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5883	0.905	-0.1915	W 48	0.6097	0.871	-0.1225		0.0000	0.000	0.0000		
0.8000	W 24	0.6173	0.860	-0.0947	W 49	0.6314	0.838	-0.0503		0.0000	0.000	0.0000		
0.9000	W 25	0.6514	0.807	0.0187	W 50	0.6601	0.794	0.0454		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9496	0.273	1.0095		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7068	0.722	0.2018		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6007	0.885	-0.1515		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5018	1.043	-0.4817		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4443	1.142	-0.6727		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4020	1.220	-0.8137		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3891	1.244	-0.8566		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3723	1.277	-0.9124		0.0000	0.000	0.0000	W 96	0.3613	1.299	-0.9492		
0.3000	W 69	0.3606	1.301	-0.9513		0.0000	0.000	0.0000	W 97	0.3717	1.278	-0.9144		
0.3250	W 70	0.3560	1.310	-0.9667		0.0000	0.000	0.0000	W 98	0.3757	1.270	-0.8982		
0.3500	W 71	0.3477	1.327	-0.9944	W 86	0.3464	1.330	-0.9987	W 99	0.4836	1.074	-0.5393		
0.3750	W 72	0.3436	1.336	-1.0080	W 87	0.3542	1.314	-0.9726	W100	0.5386	0.983	-0.3567		
0.4000	W 73	0.4413	1.147	-0.6826	W 88	0.4912	1.061	-0.5167	W101	0.5591	0.951	-0.2884		
0.4250	W 74	0.5120	1.027	-0.4475	W 89	0.5266	1.003	-0.3987		0.0000	0.000	0.0000		
0.4500	W 75	0.5376	0.985	-0.3621	W 90	0.5501	0.965	-0.3206	W102	0.5774	0.922	-0.2274		
0.4750	W 76	0.5590	0.951	-0.2910	W 91	0.5697	0.934	-0.2554		0.0000	0.000	0.0000		
0.5000	W 77	0.5747	0.926	-0.2387	W 92	0.5819	0.915	-0.2148	W103	0.5865	0.907	-0.1973		
0.5250	W 78	0.5871	0.907	-0.1975	W 93	0.5909	0.901	-0.1846		0.0000	0.000	0.0000		
0.5500	W 79	0.5946	0.895	-0.1724	W 94	0.5987	0.893	-0.1687	W104	0.5930	0.897	-0.1758		
0.5750	W 80	0.5988	0.888	-0.1585		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6032	0.881	-0.1439	W 95	0.6026	0.882	-0.1457	W105	0.6023	0.883	-0.1448		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6101	0.871	-0.1208		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6180	0.859	-0.0946		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6375	0.828	-0.0296		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6617	0.791	0.0508		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-II. — WING PRESSURE DATA; ALPHA = 1 DEG — Continued

WING PRESSURE DATA												
(G) RUN= 78 ALPHA= 1 DEG MINF= 0.815 REG= 7.89E+06												
PT= 4.70 ATM= 69.2 PSIA TT= 259. DEG K= 466. DEG R												
2Y/B=.250				2Y/B=.500				2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9509	0.269	1.0138	W 51	0.0000	0.000	0.0000
0.0125	W 2	0.6986	0.734	0.1742	W 27	0.7199	0.702	0.2450	W 52	0.0000	0.000	0.0000
0.0250	W 3	0.5928	0.898	-0.1782	W 28	0.6031	0.882	-0.1437	W 53	0.0000	0.000	0.0000
0.0500	W 4	0.4951	1.055	-0.5034	W 29	0.5074	1.034	-0.4649	W 54	0.0000	0.000	0.0000
0.1000	W 5	0.4516	1.129	-0.6482	W 30	0.4493	1.133	-0.6585	W 55	0.0000	0.000	0.0000
0.1500	W 6	0.4391	1.151	-0.6897	W 31	0.4214	1.183	-0.7515	W 56	0.0000	0.000	0.0000
0.2000	W 7	0.4384	1.153	-0.6921	W 32	0.4097	1.205	-0.7906	W 57	0.0000	0.000	0.0000
0.2500	W 8	0.4307	1.166	-0.7177	W 33	0.4016	1.220	-0.8175	W 58	0.0000	0.000	0.0000
0.3000	W 9	0.4242	1.178	-0.7394	W 34	0.3963	1.230	-0.8352	W 59	0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W 60	0.0000	0.000	0.0000
0.3500	W 10	0.4170	1.192	-0.7634	W 35	0.3884	1.245	-0.8616				
0.3750		0.0000	0.000	0.0000	W 36	0.3808	1.260	-0.8870				
0.4000	W 11	0.4078	1.209	-0.7940	W 37	0.3828	1.256	-0.8802				
0.4250	W 12	0.4162	1.193	-0.7658	W 38	0.3795	1.263	-0.8914				
0.4500	W 13	0.4131	1.199	-0.7761	W 39	0.3839	1.254	-0.8766				
0.4750	W 14	0.4150	1.195	-0.7701	W 40	0.3988	1.226	-0.8269				
0.5000	W 15	0.4171	1.191	-0.7629	W 41	0.5010	1.045	-0.4863				
0.5250	W 16	0.4214	1.183	-0.7485	W 42	0.5439	0.975	-0.3433				
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5630	0.944	-0.2797				
0.5750	W 18	0.5342	0.990	-0.3733	W 44	0.5764	0.923	-0.2351				
0.6000	W 19	0.5554	0.956	-0.3025	W 45	0.5861	0.908	-0.2027				
0.6250	W 20	0.5682	0.936	-0.2599	W 46	0.5933	0.897	-0.1786				
0.6500	W 21	0.5754	0.925	-0.2359	W 47	0.5991	0.888	-0.1594				
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000				
0.7000	W 23	0.5891	0.903	-0.1906	W 48	0.6191	0.871	-0.1228				
0.8000	W 24	0.6167	0.861	-0.0987	W 49	0.6318	0.837	-0.0504				
0.9000	W 25	0.6523	0.806	0.0199	W 50	0.6600	0.794	0.0435				
2Y/B=.775				2Y/B=.800				2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9428	0.291	0.9869		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.7032	0.727	0.1897		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.5962	0.892	-0.1666		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.5046	1.039	-0.4744		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.4434	1.144	-0.6758		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.4016	1.220	-0.8148		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.3902	1.242	-0.8528		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.3739	1.274	-0.9073		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3000	W 69	0.3619	1.298	-0.9470		0.0000	0.000	0.0000	W 96	0.3611	1.300	-0.9499
0.3250	W 70	0.3574	1.307	-0.9620		0.0000	0.000	0.0000	W 97	0.3723	1.277	-0.9126
0.3500	W 71	0.3492	1.324	-0.9895	W 86	0.3455	1.332	-1.0017	W 98	0.3799	1.262	-0.8868
0.3750	W 72	0.3447	1.334	-1.0045	W 87	0.3639	1.294	-0.9404	W 99	0.4982	1.049	-0.4929
0.4000	W 73	0.4520	1.128	-0.6471	W 88	0.4960	1.053	-0.5007	W100	0.5438	0.975	-0.3411
0.4250	W 74	0.5154	1.021	-0.4362	W 89	0.5299	0.997	-0.3879	W101	0.5621	0.946	-0.2803
0.4500	W 75	0.5421	0.978	-0.3472	W 90	0.5539	0.959	-0.3079		0.0000	0.000	0.0000
0.4750	W 76	0.5632	0.944	-0.2770	W 91	0.5733	0.928	-0.2432	W102	0.5785	0.920	-0.2257
0.5000	W 77	0.5808	0.916	-0.2185	W 92	0.5861	0.908	-0.2009		0.0000	0.000	0.0000
0.5250	W 78	0.5913	0.900	-0.1834	W 93	0.5932	0.897	-0.1770	W103	0.5874	0.906	-0.1961
0.5500	W 79	0.5963	0.892	-0.1667	W 94	0.5973	0.891	-0.1636		0.0000	0.000	0.0000
0.5750	W 80	0.5996	0.887	-0.1557		0.0000	0.000	0.0000	W104	0.5934	0.897	-0.1760
0.6000	W 81	0.6037	0.881	-0.1421	W 95	0.6036	0.881	-0.1425		0.0000	0.000	0.0000
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W105	0.6027	0.882	-0.1453
0.6500	W 82	0.6102	0.871	-0.1205		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.6185	0.858	-0.0929		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.6386	0.827	-0.0260		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.6624	0.790	0.0533		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-II. — WING PRESSURE DATA; ALPHA = 1 DEG — Continued

(H) RUN= 165 ALPHA= 1 DEG MINF= 0.827 REC= 8.09E+06  
 PT= 4.77 ATM= 70.1 PSIA TT= 258. DEG K= 464. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9504	0.271	1.0203		0.0000	0.000	0.0000		
0.0125	W 2	0.6910	0.746	0.1721	W 27	0.7173	0.706	0.2571		0.0000	0.000	0.0000		
0.0250	W 3	0.5884	0.904	-0.1633	W 28	0.5978	0.890	-0.1342		0.0000	0.000	0.0000		
0.0500	W 4	0.4934	1.057	-0.4742	W 29	0.5086	1.032	-0.4232		0.0000	0.000	0.0000		
0.1000	W 5	0.4435	1.143	-0.6373	W 30	0.4469	1.137	-0.6250		0.0000	0.000	0.0000		
0.1500	W 6	0.4278	1.172	-0.6887	W 31	0.4163	1.193	-0.7249		0.0000	0.000	0.0000		
0.2000	W 7	0.4256	1.176	-0.6959	W 32	0.4027	1.218	-0.7695		0.0000	0.000	0.0000		
0.2500	W 8	0.4196	1.187	-0.7157	W 33	0.3944	1.234	-0.7967		0.0000	0.000	0.0000		
0.3000	W 9	0.4142	1.197	-0.7333	W 34	0.3860	1.250	-0.8241		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4051	1.214	-0.7629	W 35	0.3780	1.266	-0.8504	W 51	0.3451	1.333	-0.9578		
0.3750		0.0000	0.000	0.0000	W 36	0.3716	1.278	-0.8711	W 52	0.3394	1.345	-0.9764		
0.4000	W 11	0.3956	1.232	-0.7940	W 37	0.3730	1.276	-0.8665	W 53	0.3314	1.362	-1.0028		
0.4250	W 12	0.3964	1.230	-0.7914	W 38	0.3671	1.288	-0.8860	W 54	0.3303	1.364	-1.0062		
0.4500	W 13	0.3979	1.227	-0.7866	W 39	0.3701	1.281	-0.8761	W 55	0.4218	1.183	-0.7072		
0.4750	W 14	0.3983	1.227	-0.7853	W 40	0.3702	1.281	-0.8758	W 56	0.4949	1.055	-0.4681		
0.5000	W 15	0.4006	1.222	-0.7776	W 41	0.3715	1.279	-0.8715	W 57	0.5154	1.021	-0.4010		
0.5250	W 16	0.3957	1.232	-0.7939	W 42	0.3705	1.281	-0.8749	W 58	0.5336	0.991	-0.3418		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.4578	1.118	-0.5894	W 59	0.5530	0.960	-0.2783		
0.5750	W 18	0.3993	1.225	-0.7820	W 44	0.5208	1.012	-0.3836		0.0000	0.000	0.0000		
0.6000	W 19	0.4050	1.214	-0.7634	W 45	0.5485	0.967	-0.2928	W 60	0.5899	0.902	-0.1574		
0.6250	W 20	0.4634	1.109	-0.5723	W 46	0.5676	0.937	-0.2305		0.0000	0.000	0.0000		
0.6500	W 21	0.5249	1.005	-0.3711	W 47	0.5828	0.913	-0.1809		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5739	0.927	-0.2109	W 48	0.6046	0.879	-0.1095		0.0000	0.000	0.0000		
0.8000	W 24	0.6122	0.867	-0.0854	W 49	0.6306	0.839	-0.0246		0.0000	0.000	0.0000		
0.9000	W 25	0.6466	0.814	0.0269	W 50	0.6569	0.799	0.0616		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9463	0.282	1.0068		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7144	0.710	0.2475		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6024	0.883	-0.1189		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5083	1.033	-0.4242		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4347	1.159	-0.6659		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3937	1.235	-0.7999		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3798	1.262	-0.8453		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3629	1.296	-0.9006		0.0000	0.000	0.0000	W 96	0.3475	1.328	-0.9511		
0.3000	W 69	0.3490	1.325	-0.9460		0.0000	0.000	0.0000	W 97	0.3540	1.314	-0.9298		
0.3250	W 70	0.3430	1.337	-0.9658		0.0000	0.000	0.0000	W 98	0.3573	1.307	-0.9192		
0.3500	W 71	0.3346	1.355	-0.9932	W 86	0.0000	0.000	0.0000	W 99	0.3589	1.304	-0.9142		
0.3750	W 72	0.3297	1.366	-1.0092	W 87	0.3263	1.373	-1.0202	W 100	0.3588	1.304	-0.9143		
0.4000	W 73	0.3261	1.374	-1.0211	W 88	0.3267	1.372	-1.0191	W 101	0.4457	1.140	-0.6302		
0.4250	W 74	0.3537	1.315	-0.9307	W 89	0.4246	1.177	-0.6987		0.0000	0.000	0.0000		
0.4500	W 75	0.4732	1.092	-0.5399	W 90	0.4879	1.067	-0.4917	W 102	0.5471	0.970	-0.2987		
0.4750	W 76	0.4990	1.048	-0.4556	W 91	0.5082	1.033	-0.4255		0.0000	0.000	0.0000		
0.5000	W 77	0.5189	1.015	-0.3906	W 92	0.5301	0.997	-0.3538	W 103	0.5777	0.921	-0.1985		
0.5250	W 78	0.5377	0.985	-0.3290	W 93	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.5500	W 79	0.5536	0.959	-0.2771	W 94	0.5708	0.932	-0.2206	W 104	0.5915	0.900	-0.1534		
0.5750	W 80	0.5736	0.928	-0.2114		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5911	0.900	-0.1541	W 95	0.5590	0.888	-0.1285	W 105	0.5998	0.887	-0.1260		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6127	0.867	-0.0837		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6218	0.853	-0.0540		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6369	0.829	-0.0046		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6582	0.797	0.0651		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-II. - WING PRESSURE DATA; ALPHA = 1 DEG - Continued

WING PRESSURE DATA  
 (I) RUN= 168 ALPHA= 1 DEG MINF= 0.838 REC= 6.07E+06  
 PT= 3.55 ATM= 52.2 PSIA TT= 258. DEG K= 464. DEG R

X/C	2Y/B=.250				2Y/B=.500				2Y/B=.750			
	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9511	0.268	1.0309	W 51	0.0000	0.000	0.0000
0.0125	W 2	0.6967	0.737	0.2113	W 27	0.7136	0.711	0.2656	W 52	0.0000	0.000	0.0000
0.0250	W 3	0.5918	0.899	-0.1269	W 28	0.5915	0.900	-0.1276	W 53	0.0000	0.000	0.0000
0.0500	W 4	0.4933	1.058	-0.4441	W 29	0.4902	1.063	-0.4557	W 54	0.0000	0.000	0.0000
0.1000	W 5	0.4419	1.146	-0.6097	W 30	0.4352	1.158	-0.6331	W 55	0.0000	0.000	0.0000
0.1500	W 6	0.4251	1.176	-0.6636	W 31	0.4050	1.214	-0.7303	W 56	0.0000	0.000	0.0000
0.2000	W 7	0.4245	1.178	-0.6657	W 32	0.3892	1.244	-0.7814	W 57	0.0000	0.000	0.0000
0.2500	W 8	0.4190	1.188	-0.6835	W 33	0.3778	1.266	-0.8180	W 58	0.0000	0.000	0.0000
0.3000	W 9	0.4145	1.196	-0.6979	W 34	0.3724	1.277	-0.8354	W 59	0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W 60	0.5113	1.028	-0.3877
0.3500	W 10	0.4063	1.211	-0.7243	W 35	0.3655	1.291	-0.8576		0.0000	0.000	0.0000
0.3750		0.0000	0.000	0.0000	W 36	0.3594	1.303	-0.8774		0.0000	0.000	0.0000
0.4000	W 11	0.3960	1.231	-0.7574	W 37	0.3602	1.301	-0.8747		0.0000	0.000	0.0000
0.4250	W 12	0.3958	1.231	-0.7581	W 38	0.3555	1.311	-0.8899		0.0000	0.000	0.0000
0.4500	W 13	0.3963	1.230	-0.7565	W 39	0.3582	1.305	-0.8811		0.0000	0.000	0.0000
0.4750	W 14	0.3967	1.229	-0.7551	W 40	0.3579	1.306	-0.8821		0.0000	0.000	0.0000
0.5000	W 15	0.4009	1.222	-0.7416	W 41	0.3577	1.307	-0.8828		0.0000	0.000	0.0000
0.5250	W 16	0.3944	1.234	-0.7627	W 42	0.3556	1.311	-0.8895		0.0000	0.000	0.0000
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3553	1.312	-0.8908		0.0000	0.000	0.0000
0.5750	W 18	0.3932	1.236	-0.7663	W 44	0.3539	1.314	-0.8953		0.0000	0.000	0.0000
0.6000	W 19	0.3944	1.234	-0.7625	W 45	0.3923	1.238	-0.7713		0.0000	0.000	0.0000
0.6250	W 20	0.3918	1.239	-0.7710	W 46	0.4855	1.071	-0.4707		0.0000	0.000	0.0000
0.6500	W 21	0.3878	1.247	-0.7838	W 47	0.5183	1.016	-0.3651		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.4516	1.129	-0.5783	W 48	0.5506	0.964	-0.2610		0.0000	0.000	0.0000
0.8000	W 24	0.5854	0.909	-0.1472	W 49	0.6070	0.876	-0.0791		0.0000	0.000	0.0000
0.9000	W 25	0.6312	0.838	0.0001	W 50	0.6485	0.812	0.0547		0.0000	0.000	0.0000

X/C	2Y/B=.775				2Y/B=.800				2Y/B=.900			
	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9476	0.278	1.0195		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.7099	0.717	0.2539		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.6007	0.885	-0.0980		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.4961	1.053	-0.4366		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.4335	1.161	-0.6366		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.3915	1.239	-0.7719		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.3760	1.270	-0.8218		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.3575	1.307	-0.8815		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3000	W 69	0.3419	1.340	-0.9319		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3250	W 70	0.3367	1.351	-0.9485		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 71	0.3277	1.370	-0.9774	W 86	0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3750	W 72	0.3205	1.386	-1.0007	W 87	0.3173	1.393	-1.0108	W 96	0.3370	1.350	-0.9476
0.4000	W 73	0.3146	1.399	-1.0198	W 88	0.3142	1.400	-1.0210	W 97	0.3419	1.339	-0.9316
0.4250	W 74	0.3133	1.402	-1.0238	W 89	0.3129	1.403	-1.0253	W 98	0.3453	1.332	-0.9208
0.4500	W 75	0.3473	1.328	-0.9142	W 90	0.4052	1.213	-0.7279	W 99	0.3456	1.332	-0.9197
0.4750	W 76	0.4556	1.122	-0.5654	W 91	0.4695	1.098	-0.5205	W100	0.3436	1.336	-0.9264
0.5000	W 77	0.4819	1.077	-0.4807	W 92	0.4855	1.071	-0.4692	W101	0.3440	1.335	-0.9249
0.5250	W 78	0.4918	1.060	-0.4489	W 93	0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.5500	W 79	0.4981	1.050	-0.4285	W 94	0.5010	1.045	-0.4191	W102	0.4107	1.203	-0.7103
0.5750	W 80	0.5062	1.036	-0.4024		0.0000	0.000	0.0000	W103	0.5174	1.018	-0.3664
0.6000	W 81	0.5159	1.020	-0.3711	W 95	0.5219	1.010	-0.3520	W104	0.5510	0.964	-0.2583
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W105	0.5762	0.924	-0.1769
0.6500	W 82	0.5416	0.978	-0.2883		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.5723	0.930	-0.1896		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.6251	0.848	-0.0196		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.6543	0.803	0.0747		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-II. — WING PRESSURE DATA; ALPHA = 1 DEG — Concluded

WING PRESSURE DATA  
 (J) RUN= 164 ALPHA= 1 DEG MINF= 0.837 REC= 7.96E+06  
 PT= 4.69 ATM= 69.0 PSIA TT= 259. DEG K= 467. DEG R

X/C	2Y/B=.250				2Y/B=.500				2Y/B=.750			
	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9512	0.268	1.0298		0.0000	0.000	0.0000
0.0125	W 2	0.6945	0.741	0.2004	W 27	0.7124	0.713	0.2587		0.0000	0.000	0.0000
0.0250	W 3	0.5892	0.903	-0.1396	W 28	0.5918	0.899	-0.1307		0.0000	0.000	0.0000
0.0500	W 4	0.4929	1.058	-0.4506	W 29	0.5052	1.038	-0.4085		0.0000	0.000	0.0000
0.1000	W 5	0.4426	1.145	-0.6133	W 30	0.4440	1.143	-0.6059		0.0000	0.000	0.0000
0.1500	W 6	0.4253	1.176	-0.6692	W 31	0.4134	1.198	-0.7047		0.0000	0.000	0.0000
0.2000	W 7	0.4259	1.175	-0.6671	W 32	0.3984	1.226	-0.7531		0.0000	0.000	0.0000
0.2500	W 8	0.4166	1.192	-0.6971	W 33	0.3860	1.250	-0.7932		0.0000	0.000	0.0000
0.3000	W 9	0.4100	1.204	-0.7185	W 34	0.3804	1.261	-0.8112		0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 10	0.4010	1.221	-0.7476	W 35	0.3717	1.278	-0.8393	W 51	0.3381	1.348	-0.9479
0.3750		0.0000	0.000	0.0000	W 36	0.3641	1.294	-0.8639	W 52	0.3330	1.359	-0.9643
0.4000	W 11	0.3909	1.241	-0.7801	W 37	0.3648	1.292	-0.8614	W 53	0.3233	1.380	-0.9955
0.4250	W 12	0.3913	1.240	-0.7789	W 38	0.3591	1.304	-0.8801	W 54	0.3210	1.385	-1.0028
0.4500	W 13	0.3924	1.238	-0.7752	W 39	0.3619	1.298	-0.8711	W 55	0.3184	1.391	-1.0112
0.4750	W 14	0.3947	1.233	-0.7680	W 40	0.3609	1.300	-0.8742	W 56	0.3739	1.274	-0.8323
0.5000	W 15	0.3917	1.239	-0.7776	W 41	0.3614	1.299	-0.8726	W 57	0.4679	1.101	-0.5290
0.5250	W 16	0.3930	1.237	-0.7735	W 42	0.3596	1.303	-0.8784	W 58	0.4911	1.061	-0.4543
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3580	1.306	-0.8836	W 59	0.5030	1.041	-0.4158
0.5750	W 18	0.3912	1.240	-0.7793	W 44	0.3575	1.307	-0.8852		0.0000	0.000	0.0000
0.6000	W 19	0.3922	1.238	-0.7760	W 45	0.4391	1.151	-0.6220	W 60	0.5285	1.000	-0.3335
0.6250	W 20	0.3896	1.243	-0.7843	W 46	0.5079	1.033	-0.3998		0.0000	0.000	0.0000
0.6500	W 21	0.3875	1.247	-0.7912	W 47	0.5348	0.989	-0.3132		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.5056	1.037	-0.4097	W 48	0.5696	0.934	-0.2009		0.0000	0.000	0.0000
0.8000	W 24	0.5937	0.896	-0.1252	W 49	0.6224	0.852	-0.0307		0.0000	0.000	0.0000
0.9000	W 25	0.6358	0.831	0.0108	W 50	0.6545	0.802	0.0731		0.0000	0.000	0.0000

X/C	2Y/B=.775				2Y/B=.800				2Y/B=.900			
	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9483	0.276	1.0205		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.7102	0.717	0.2515		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.6074	0.875	-0.0804		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.5057	1.037	-0.4071		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.4327	1.163	-0.6433		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.3916	1.239	-0.7759		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.3777	1.266	-0.8208		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.3596	1.303	-0.8791		0.0000	0.000	0.0000	W 96	0.3385	1.347	-0.9472
0.3000	W 69	0.3447	1.334	-0.9273		0.0000	0.000	0.0000	W 97	0.3448	1.333	-0.9270
0.3250	W 70	0.3388	1.346	-0.9464		0.0000	0.000	0.0000	W 98	0.3435	1.336	-0.9335
0.3500	W 71	0.3296	1.366	-0.9758	W 86	0.0000	0.000	0.0000	W 99	0.3446	1.334	-0.9298
0.3750	W 72	0.3238	1.379	-0.9948	W 87	0.3195	1.388	-1.0086	W100	0.3426	1.338	-0.9361
0.4000	W 73	0.3189	1.390	-1.0104	W 88	0.3180	1.391	-1.0133	W101	0.3435	1.336	-0.9332
0.4250	W 74	0.3160	1.396	-1.0199	W 89	0.3152	1.398	-1.0225		0.0000	0.000	0.0000
0.4500	W 75	0.3243	1.378	-0.9931	W 90	0.3839	1.254	-0.8006	W102	0.4607	1.113	-0.5547
0.4750	W 76	0.4517	1.129	-0.5820	W 91	0.4679	1.101	-0.5295		0.0000	0.000	0.0000
0.5000	W 77	0.4830	1.075	-0.4809	W 92	0.4886	1.066	-0.4630	W103	0.5303	0.997	-0.3300
0.5250	W 78	0.4978	1.050	-0.4330	W 93	0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.5500	W 79	0.5053	1.038	-0.4090	W 94	0.5123	1.026	-0.3863	W104	0.5641	0.943	-0.2208
0.5750	W 80	0.5168	1.019	-0.3717		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6000	W 81	0.5302	0.997	-0.3286	W 95	0.5399	0.981	-0.2973	W105	0.5881	0.905	-0.1432
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6500	W 82	0.5635	0.944	-0.2211		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.5968	0.891	-0.1136		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.6365	0.830	0.0146		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.6579	0.797	0.0836		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-III. - WING PRESSURE DATA; ALPHA = 2 DEG

(A) WING PRESSURE DATA  
 RUN= 116 ALPHA= 2 DEG MINF= 0.499 REC= 5.93E+06  
 PT= 4.85 ATM= 71.3 PSIA TT= 257. DEG K= 463. DEG R

X/C	2Y/B=.250				2Y/B=.500				2Y/B=.750			
	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9812	0.165	0.9361	W 51	0.0000	0.000	0.0000
0.0125	W 2	0.8064	0.563	-0.2537	W 27	0.8273	0.528	-0.1114	W 52	0.0000	0.000	0.0000
0.0250	W 3	0.7617	0.636	-0.5580	W 28	0.7751	0.614	-0.4667	W 53	0.0000	0.000	0.0000
0.0500	W 4	0.7448	0.663	-0.6729	W 29	0.7488	0.656	-0.6437	W 54	0.0000	0.000	0.0000
0.1000	W 5	0.7513	0.652	-0.6282	W 30	0.7513	0.652	-0.6263	W 55	0.0000	0.000	0.0000
0.1500	W 6	0.7599	0.639	-0.5699	W 31	0.7608	0.637	-0.5615	W 56	0.0000	0.000	0.0000
0.2000	W 7	0.7675	0.627	-0.5185	W 32	0.7663	0.629	-0.5247	W 57	0.0000	0.000	0.0000
0.2500	W 8	0.7729	0.618	-0.4817	W 33	0.7711	0.621	-0.4916	W 58	0.0000	0.000	0.0000
0.3000	W 9	0.7783	0.609	-0.4450	W 34	0.7777	0.610	-0.4471	W 59	0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 10	0.7828	0.602	-0.4145	W 35	0.7839	0.600	-0.4050	W 60	0.8181	0.543	-0.1726
0.3750		0.0000	0.000	0.0000	W 36	0.7853	0.598	-0.3954		0.0000	0.000	0.0000
0.4000	W 11	0.7883	0.593	-0.3771	W 37	0.7896	0.591	-0.3663		0.0000	0.000	0.0000
0.4250	W 12	0.7922	0.587	-0.3503	W 38	0.7916	0.588	-0.3527		0.0000	0.000	0.0000
0.4500	W 13	0.7957	0.581	-0.3263	W 39	0.7963	0.580	-0.3205		0.0000	0.000	0.0000
0.4750	W 14	0.7987	0.576	-0.3061	W 40	0.7999	0.574	-0.2963		0.0000	0.000	0.0000
0.5000	W 15	0.8018	0.571	-0.2848	W 41	0.8024	0.570	-0.2794		0.0000	0.000	0.0000
0.5250	W 16	0.8034	0.568	-0.2740	W 42	0.8045	0.566	-0.2648		0.0000	0.000	0.0000
0.5500	W 17	0.8000	0.000	0.0000	W 43	0.8078	0.561	-0.2424		0.0000	0.000	0.0000
0.5750	W 18	0.8072	0.562	-0.2482	W 44	0.8102	0.557	-0.2260		0.0000	0.000	0.0000
0.6000	W 19	0.8109	0.556	-0.2232	W 45	0.8128	0.552	-0.2083		0.0000	0.000	0.0000
0.6250	W 20	0.8142	0.550	-0.2003	W 46	0.8158	0.547	-0.1882		0.0000	0.000	0.0000
0.6500	W 21	0.8160	0.547	-0.1882	W 47	0.8178	0.544	-0.1745		0.0000	0.000	0.0000
0.6750	W 22	0.8000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.8205	0.539	-0.1579	W 48	0.8232	0.535	-0.1378		0.0000	0.000	0.0000
0.8000	W 24	0.8319	0.520	-0.0800	W 49	0.8335	0.517	-0.0680		0.0000	0.000	0.0000
0.9000	W 25	0.8453	0.496	0.0108	W 50	0.8470	0.493	0.0242		0.0000	0.000	0.0000

X/C	2Y/B=.775				2Y/B=.800				2Y/B=.900			
	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9808	0.167	0.9333		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.8333	0.517	-0.0706		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.7861	0.597	-0.3918		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.7543	0.648	-0.6062		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.7591	0.640	-0.5775		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.7638	0.633	-0.5450		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.7721	0.619	-0.4889		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.7789	0.608	-0.4424		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3000	W 69	0.7851	0.598	-0.4000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3250	W 70	0.7878	0.594	-0.3815		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 71	0.7904	0.590	-0.3639	W 86	0.7921	0.587	-0.3525	W 96	0.7879	0.594	-0.3812
0.3750	W 72	0.7936	0.584	-0.3422	W 87	0.7948	0.582	-0.3338	W 97	0.7931	0.585	-0.3454
0.4000	W 73	0.7962	0.580	-0.3243	W 88	0.7983	0.577	-0.3100	W 98	0.7958	0.581	-0.3256
0.4250	W 74	0.8000	0.574	-0.2986	W 89	0.8002	0.573	-0.2973	W 99	0.7991	0.575	-0.3036
0.4500	W 75	0.8028	0.569	-0.2796	W 90	0.8037	0.568	-0.2732	W100	0.8018	0.571	-0.2852
0.4750	W 76	0.8057	0.564	-0.2599	W 91	0.8071	0.562	-0.2503	W101	0.8042	0.567	-0.2685
0.5000	W 77	0.8083	0.560	-0.2417	W 92	0.8094	0.558	-0.2347		0.0000	0.000	0.0000
0.5250	W 78	0.8105	0.556	-0.2271	W 93	0.8119	0.554	-0.2178	W102	0.8103	0.556	-0.2270
0.5500	W 79	0.8127	0.552	-0.2117	W 94	0.8137	0.551	-0.2050	W103	0.8161	0.547	-0.1878
0.5750	W 80	0.8150	0.549	-0.1963		0.0000	0.000	0.0000	W104	0.8196	0.541	-0.1635
0.6000	W 81	0.8183	0.543	-0.1737	W 95	0.8192	0.542	-0.1680	W105	0.8244	0.532	-0.1308
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6500	W 82	0.8229	0.535	-0.1429		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.8276	0.527	-0.1107		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.8372	0.510	-0.0451		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.8478	0.491	0.0269		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

## WING PRESSURE DATA

(B) RUN= 114 ALPHA= 2 DEG MINF= 0.601 REC= 5.95E+06  
PT= 4.21 ATM= 61.9 PSIA TT= 256. DEG K= 462. DEG R

2Y/B=.250				2Y/B=.500				2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9711	0.205	0.9478		0.0000	0.000	0.0000
0.0125	W 2	0.7366	0.676	-0.2350	W 27	0.7584	0.641	-0.1253		0.0000	0.000	0.0000
0.0250	W 3	0.6667	0.784	-0.5873	W 28	0.6798	0.764	-0.5219		0.0000	0.000	0.0000
0.0500	W 4	0.6413	0.823	-0.7154	W 29	0.6440	0.818	-0.7027		0.0000	0.000	0.0000
0.1000	W 5	0.6486	0.811	-0.6788	W 30	0.6458	0.816	-0.6939		0.0000	0.000	0.0000
0.1500	W 6	0.6600	0.794	-0.6211	W 31	0.6599	0.794	-0.6225		0.0000	0.000	0.0000
0.2000	W 7	0.6681	0.781	-0.5804	W 32	0.6681	0.781	-0.5809		0.0000	0.000	0.0000
0.2500	W 8	0.6791	0.765	-0.5248	W 33	0.6786	0.765	-0.5283		0.0000	0.000	0.0000
0.3000	W 9	0.6869	0.753	-0.4856	W 34	0.6856	0.755	-0.4927		0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 10	0.6939	0.742	-0.4504	W 35	0.6957	0.739	-0.4418	W 51	0.7041	0.726	-0.3993
0.3750		0.0000	0.000	0.0000	W 36	0.6993	0.734	-0.4238	W 52	0.7097	0.717	-0.3713
0.4000	W 11	0.7021	0.729	-0.4091	W 37	0.7057	0.724	-0.3915	W 53	0.7132	0.712	-0.3534
0.4250	W 12	0.7068	0.722	-0.3853	W 38	0.7079	0.720	-0.3803	W 54	0.7193	0.702	-0.3226
0.4500	W 13	0.7124	0.713	-0.3571	W 39	0.7149	0.709	-0.3449	W 55	0.7232	0.696	-0.3030
0.4750	W 14	0.7147	0.710	-0.3456	W 40	0.7202	0.701	-0.3183	W 56	0.7281	0.689	-0.2785
0.5000	W 15	0.7210	0.700	-0.3134	W 41	0.7244	0.695	-0.2969	W 57	0.7319	0.683	-0.2592
0.5250	W 16	0.7232	0.696	-0.3024	W 42	0.7277	0.689	-0.2805	W 58	0.7358	0.677	-0.2397
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.7319	0.683	-0.2590	W 59	0.7396	0.671	-0.2202
0.5750	W 18	0.7305	0.685	-0.2659	W 44	0.7354	0.677	-0.2414		0.0000	0.000	0.0000
0.6000	W 19	0.7342	0.679	-0.2468	W 45	0.7396	0.671	-0.2203	W 60	0.7469	0.659	-0.1837
0.6250	W 20	0.7373	0.674	-0.2315	W 46	0.7437	0.664	-0.1997		0.0000	0.000	0.0000
0.6500	W 21	0.7405	0.669	-0.2152	W 47	0.7468	0.660	-0.1842		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.7493	0.656	-0.1707	W 48	0.7547	0.647	-0.1442		0.0000	0.000	0.0000
0.8000	W 24	0.7653	0.630	-0.0904	W 49	0.7695	0.623	-0.0697		0.0000	0.000	0.0000
0.9000	W 25	0.7847	0.599	0.0080	W 50	0.7878	0.594	0.0231		0.0000	0.000	0.0000

2Y/B=.775				2Y/B=.800				2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9742	0.194	0.9636		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.7632	0.634	-0.1011		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.7038	0.727	-0.4007		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.6584	0.796	-0.6303		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.6502	0.809	-0.6727		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.6601	0.794	-0.6228		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.6738	0.773	-0.5533		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.6855	0.755	-0.4944		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3000	W 69	0.6967	0.737	-0.4379		0.0000	0.000	0.0000	W 96	0.6994	0.733	-0.4241
0.3250	W 70	0.7005	0.732	-0.4190		0.0000	0.000	0.0000	W 97	0.7087	0.719	-0.3771
0.3500	W 71	0.7049	0.725	-0.3966	W 86	0.7089	0.719	-0.3762	W 98	0.7139	0.711	-0.3496
0.3750	W 72	0.7104	0.716	-0.3690	W 87	0.7117	0.714	-0.3619	W 99	0.7188	0.703	-0.3249
0.4000	W 73	0.7148	0.709	-0.3464	W 88	0.7172	0.706	-0.3346	W100	0.7229	0.697	-0.3038
0.4250	W 74	0.7198	0.702	-0.3213	W 89	0.7206	0.701	-0.3175	W101	0.7262	0.692	-0.2872
0.4500	W 75	0.7241	0.695	-0.2997	W 90	0.7257	0.693	-0.2917		0.0000	0.000	0.0000
0.4750	W 76	0.7286	0.688	-0.2768	W 91	0.7308	0.685	-0.2657	W102	0.7352	0.678	-0.2420
0.5000	W 77	0.7333	0.681	-0.2532	W 92	0.7350	0.678	-0.2445		0.0000	0.000	0.0000
0.5250	W 78	0.7367	0.675	-0.2361	W 93	0.7382	0.673	-0.2285	W103	0.7419	0.667	-0.2084
0.5500	W 79	0.7395	0.671	-0.2218	W 94	0.7411	0.669	-0.2138		0.0000	0.000	0.0000
0.5750	W 80	0.7430	0.666	-0.2041		0.0000	0.000	0.0000	W104	0.7484	0.657	-0.1754
0.6000	W 81	0.7477	0.658	-0.1804	W 95	0.7489	0.656	-0.1742	W105	0.7556	0.646	-0.1390
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6500	W 82	0.7545	0.647	-0.1461		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.7613	0.637	-0.1117		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.7749	0.615	-0.0428		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.7901	0.590	0.0337		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

WING PRESSURE DATA  
(C) RUN= 113 ALPHA= 2 DEG MINF= 0.695 REC= 5.98E+06  
PT= 3.82 ATM= 56.2 PSIA TT= 255. DEG K= 459. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9644	0.228	0.9815		0.0000	0.000	0.0000		
0.0125	W 2	0.6905	0.747	-0.1380	W 27	0.7209	0.700	-0.0129		0.0000	0.000	0.0000		
0.0250	W 3	0.5905	0.901	-0.5466	W 28	0.6171	0.860	-0.4365		0.0000	0.000	0.0000		
0.0500	W 4	0.5360	0.988	-0.7695	W 29	0.5486	0.967	-0.7168		0.0000	0.000	0.0000		
0.1000	W 5	0.5353	0.989	-0.7723	W 30	0.5330	0.992	-0.7806		0.0000	0.000	0.0000		
0.1500	W 6	0.5528	0.961	-0.7010	W 31	0.5512	0.963	-0.7060		0.0000	0.000	0.0000		
0.2000	W 7	0.5647	0.942	-0.6520	W 32	0.5629	0.944	-0.6582		0.0000	0.000	0.0000		
0.2500	W 8	0.5778	0.921	-0.5986	W 33	0.5753	0.925	-0.6077		0.0000	0.000	0.0000		
0.3000	W 9	0.5885	0.904	-0.5547	W 34	0.5889	0.904	-0.5523		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.5986	0.889	-0.5135	W 35	0.6040	0.880	-0.4907	W 51	0.6154	0.863	-0.4439		
0.3750		0.0000	0.000	0.0000	W 36	0.6089	0.873	-0.4706	W 52	0.6236	0.850	-0.4105		
0.4000	W 11	0.6109	0.870	-0.4634	W 37	0.6183	0.858	-0.4320	W 53	0.6295	0.841	-0.3864		
0.4250	W 12	0.6178	0.859	-0.4351	W 38	0.6232	0.851	-0.4122	W 54	0.6377	0.828	-0.3528		
0.4500	W 13	0.6257	0.847	-0.4027	W 39	0.6325	0.836	-0.3740	W 55	0.6436	0.819	-0.3289		
0.4750	W 14	0.6308	0.839	-0.3819	W 40	0.6398	0.825	-0.3444	W 56	0.6494	0.810	-0.3049		
0.5000	W 15	0.6390	0.826	-0.3485	W 41	0.6450	0.817	-0.3233	W 57	0.6549	0.802	-0.2828		
0.5250	W 16	0.6422	0.821	-0.3356	W 42	0.6503	0.809	-0.3015	W 58	0.6603	0.794	-0.2608		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.6565	0.799	-0.2760	W 59	0.6665	0.784	-0.2354		
0.5750	W 18	0.0000	0.000	0.0000	W 44	0.6614	0.792	-0.2561		0.0000	0.000	0.0000		
0.6000	W 19	0.6574	0.798	-0.2735	W 45	0.6673	0.783	-0.2322	W 60	0.6763	0.769	-0.1953		
0.6250	W 20	0.6638	0.788	-0.2473	W 46	0.6729	0.774	-0.2092		0.0000	0.000	0.0000		
0.6500	W 21	0.6686	0.781	-0.2275	W 47	0.6773	0.767	-0.1913		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.6783	0.766	-0.1881	W 48	0.6877	0.751	-0.1488		0.0000	0.000	0.0000		
0.8000	W 24	0.7002	0.732	-0.0986	W 49	0.7081	0.720	-0.0654		0.0000	0.000	0.0000		
0.9000	W 25	0.7264	0.691	0.0087	W 50	0.7323	0.682	0.0333		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9624	0.235	0.9731		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7155	0.708	-0.0351		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6266	0.845	-0.3979		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5675	0.937	-0.6396		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.5339	0.991	-0.7767		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.5493	0.966	-0.7137		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.5703	0.933	-0.6279		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.5885	0.904	-0.5537		0.0000	0.000	0.0000	W 96	0.6092	0.872	-0.4690		
0.3000	W 69	0.6059	0.877	-0.4826		0.0000	0.000	0.0000	W 97	0.6229	0.851	-0.4132		
0.3250	W 70	0.6116	0.868	-0.4593		0.0000	0.000	0.0000	W 98	0.6298	0.840	-0.3863		
0.3500	W 71	0.6176	0.859	-0.4349	W 86	0.6210	0.854	-0.4208	W 99	0.6366	0.830	-0.3585		
0.3750	W 72	0.6267	0.845	-0.3976	W 87	0.6283	0.843	-0.3911	W100	0.6421	0.821	-0.3359		
0.4000	W 73	0.6330	0.835	-0.3717	W 88	0.6358	0.831	-0.3607	W101	0.6477	0.813	-0.3129		
0.4250	W 74	0.6397	0.825	-0.3447	W 89	0.6414	0.823	-0.3378		0.0000	0.000	0.0000		
0.4500	W 75	0.6460	0.815	-0.3188	W 90	0.6483	0.812	-0.3094	W102	0.6599	0.794	-0.2630		
0.4750	W 76	0.6522	0.806	-0.2934	W 91	0.6549	0.802	-0.2824		0.0000	0.000	0.0000		
0.5000	W 77	0.6585	0.796	-0.2676	W 92	0.6609	0.792	-0.2579	W103	0.6708	0.777	-0.2184		
0.5250	W 78	0.6635	0.789	-0.2476	W 93	0.6647	0.787	-0.2426		0.0000	0.000	0.0000		
0.5500	W 79	0.6677	0.782	-0.2301	W 94	0.6693	0.780	-0.2238	W104	0.6784	0.766	-0.1874		
0.5750	W 80	0.6724	0.775	-0.2111		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6785	0.765	-0.1860	W 95	0.6801	0.763	-0.1795	W105	0.6876	0.751	-0.1498		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6878	0.751	-0.1483		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6969	0.737	-0.1110		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.7150	0.709	-0.0371		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.7355	0.677	0.0464		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

(D) RUN= 110 ALPHA= 2 DEG MINF= 0.755 REC= 7.96E+06  
 PT= 4.87 ATM= 71.6 PSIA TT= 256. DEG K= 461. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9575	0.250	0.9956		0.0000	0.000	0.0000		
0.0125	W 2	0.6720	0.776	-0.0483	W 27	0.6871	0.752	0.0070		0.0000	0.000	0.0000		
0.0250	W 3	0.5666	0.939	-0.4336	W 28	0.5737	0.927	-0.4072		0.0000	0.000	0.0000		
0.0500	W 4	0.4788	1.082	-0.7542	W 29	0.4853	1.071	-0.7323		0.0000	0.000	0.0000		
0.1000	W 5	0.4521	1.128	-0.8521	W 30	0.4459	1.139	-0.8764		0.0000	0.000	0.0000		
0.1500	W 6	0.4632	1.109	-0.8114	W 31	0.4321	1.164	-0.9270		0.0000	0.000	0.0000		
0.2000	W 7	0.4659	1.104	-0.8015	W 32	0.4425	1.145	-0.8889		0.0000	0.000	0.0000		
0.2500	W 8	0.4722	1.093	-0.7786	W 33	0.4633	1.109	-0.8127		0.0000	0.000	0.0000		
0.3000	W 9	0.4985	1.049	-0.6822	W 34	0.5189	1.015	-0.6093		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.5211	1.012	-0.5999	W 35	0.5354	0.989	-0.5491	W 51	0.5563	0.955	-0.4726		
0.3750		0.0000	0.000	0.0000	W 36	0.5439	0.975	-0.5177	W 52	0.5663	0.939	-0.4360		
0.4000	W 11	0.5417	0.978	-0.5245	W 37	0.5564	0.955	-0.4722	W 53	0.5739	0.927	-0.4083		
0.4250	W 12	0.5511	0.963	-0.4900	W 38	0.5620	0.946	-0.4517	W 54	0.5838	0.912	-0.3718		
0.4500	W 13	0.5614	0.947	-0.4523	W 39	0.5732	0.928	-0.4106	W 55	0.5914	0.900	-0.3443		
0.4750	W 14	0.5694	0.934	-0.4231	W 40	0.5823	0.914	-0.3775	W 56	0.5989	0.888	-0.3166		
0.5000	W 15	0.5766	0.923	-0.3970	W 41	0.5902	0.902	-0.3485	W 57	0.6059	0.877	-0.2910		
0.5250	W 16	0.5832	0.913	-0.3729	W 42	0.5969	0.891	-0.3241	W 58	0.6125	0.867	-0.2671		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.6038	0.881	-0.2989	W 59	0.6192	0.857	-0.2423		
0.5750	W 18	0.5974	0.890	-0.3209	W 44	0.6099	0.871	-0.2763		0.0000	0.000	0.0000		
0.6000	W 19	0.6047	0.879	-0.2941	W 45	0.6170	0.860	-0.2506	W 60	0.6312	0.838	-0.1987		
0.6250	W 20	0.6108	0.870	-0.2720	W 46	0.6238	0.850	-0.2255		0.0000	0.000	0.0000		
0.6500	W 21	0.6164	0.861	-0.2512	W 47	0.6291	0.841	-0.2061		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.6288	0.842	-0.2059	W 48	0.6421	0.821	-0.1588		0.0000	0.000	0.0000		
0.8000	W 24	0.6563	0.800	-0.1055	W 49	0.6665	0.784	-0.0694		0.0000	0.000	0.0000		
0.9000	W 25	0.6895	0.749	0.0158	W 50	0.6955	0.739	0.0368		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9551	0.257	0.9867		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6861	0.754	0.0035		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.5854	0.909	-0.3646		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4889	1.065	-0.7190		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4481	1.135	-0.8678		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4153	1.195	-0.9880		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4233	1.180	-0.9585		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.5386	0.983	-0.5370		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3000	W 69	0.5457	0.972	-0.5110		0.0000	0.000	0.0000	W 96	0.5487	0.967	-0.4998		
0.3250	W 70	0.5521	0.962	-0.4876		0.0000	0.000	0.0000	W 97	0.5635	0.944	-0.4457		
0.3500	W 71	0.5589	0.951	-0.4627	W 86	0.5630	0.944	-0.4478	W 98	0.5709	0.932	-0.4179		
0.3750	W 72	0.5682	0.936	-0.4287	W 87	0.5719	0.930	-0.4152	W 99	0.5793	0.919	-0.3869		
0.4000	W 73	0.5764	0.923	-0.3987	W 88	0.5809	0.916	-0.3821	W100	0.5864	0.908	-0.3609		
0.4250	W 74	0.5860	0.908	-0.3636	W 89	0.5873	0.906	-0.3588	W101	0.5933	0.897	-0.3357		
0.4500	W 75	0.5934	0.897	-0.3364	W 90	0.5963	0.892	-0.3260		0.0000	0.000	0.0000		
0.4750	W 76	0.6008	0.885	-0.3093	W 91	0.6044	0.880	-0.2963	W102	0.6081	0.874	-0.2817		
0.5000	W 77	0.6079	0.874	-0.2833	W 92	0.6108	0.870	-0.2727		0.0000	0.000	0.0000		
0.5250	W 78	0.6139	0.865	-0.2613	W 93	0.6164	0.861	-0.2525	W103	0.6213	0.853	-0.2335		
0.5500	W 79	0.6197	0.856	-0.2402	W 94	0.6213	0.853	-0.2345		0.0000	0.000	0.0000		
0.5750	W 80	0.6247	0.848	-0.2220		0.0000	0.000	0.0000	W104	0.6308	0.839	-0.1988		
0.6000	W 81	0.6322	0.837	-0.1944	W 95	0.6342	0.834	-0.1874		0.0000	0.000	0.0000		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W105	0.6419	0.822	-0.1583		
0.6500	W 82	0.6431	0.820	-0.1545		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6539	0.803	-0.1152		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6755	0.770	-0.0361		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6985	0.735	0.0480		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

(E) RUN= 112 ALPHA= 2 DEG MINF= 0.763 REC= 8.02E+06  
PT= 4.92 ATM= 72.3 PSIA TT= 258. DEG K= 464. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9549	0.258	0.9916		0.0000	0.000	0.0000		
0.0125	W 2	0.6735	0.773	-0.0224	W 27	0.6861	0.754	0.0226		0.0000	0.000	0.0000		
0.0250	W 3	0.5737	0.928	-0.3820	W 28	0.5726	0.929	-0.3867		0.0000	0.000	0.0000		
0.0500	W 4	0.4863	1.069	-0.6967	W 29	0.4868	1.069	-0.6966		0.0000	0.000	0.0000		
0.1000	W 5	0.4549	1.123	-0.8100	W 30	0.4439	1.143	-0.8513		0.0000	0.000	0.0000		
0.1500	W 6	0.4654	1.105	-0.7722	W 31	0.4276	1.172	-0.9099		0.0000	0.000	0.0000		
0.2000	W 7	0.4659	1.104	-0.7702	W 32	0.4303	1.167	-0.9003		0.0000	0.000	0.0000		
0.2500	W 8	0.4763	1.086	-0.7328	W 33	0.4374	1.154	-0.8748		0.0000	0.000	0.0000		
0.3000	W 9	0.4869	1.068	-0.6948	W 34	0.4830	1.075	-0.7103		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4994	1.047	-0.6496	W 35	0.5255	1.005	-0.5569		0.0000	0.000	0.0000		
0.3750		0.0000	0.000	0.0000	W 36	0.5345	0.990	-0.5246	W 51	0.5531	0.960	-0.4374		
0.4000	W 11	0.5176	1.017	-0.5840	W 37	0.5464	0.971	-0.4815	W 52	0.5611	0.947	-0.4287		
0.4250	W 12	0.5297	0.998	-0.5405	W 38	0.5527	0.961	-0.4591	W 53	0.5674	0.937	-0.4059		
0.4500	W 13	0.5418	0.978	-0.4968	W 39	0.5638	0.943	-0.4187	W 54	0.5770	0.922	-0.3714		
0.4750	W 14	0.5504	0.964	-0.4660	W 40	0.5729	0.929	-0.3860	W 55	0.5841	0.911	-0.3456		
0.5000	W 15	0.5604	0.949	-0.4298	W 41	0.5807	0.916	-0.3579	W 56	0.5920	0.899	-0.3172		
0.5250	W 16	0.5675	0.937	-0.4043	W 42	0.5872	0.906	-0.3343	W 57	0.5982	0.889	-0.2949		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5950	0.894	-0.3065	W 58	0.6049	0.879	-0.2705		
0.5750	W 18	0.5845	0.911	-0.3429	W 44	0.6012	0.884	-0.2838	W 59	0.6119	0.868	-0.2453		
0.6000	W 19	0.5929	0.897	-0.3128	W 45	0.6084	0.873	-0.2581		0.0000	0.000	0.0000		
0.6250	W 20	0.5999	0.887	-0.2875	W 46	0.6155	0.862	-0.2325	W 60	0.6239	0.849	-0.2022		
0.6500	W 21	0.6062	0.877	-0.2648	W 47	0.6210	0.854	-0.2126		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.6197	0.856	-0.2161	W 48	0.6342	0.834	-0.1650		0.0000	0.000	0.0000		
0.8000	W 24	0.6484	0.812	-0.1126	W 49	0.6591	0.795	-0.0753		0.0000	0.000	0.0000		
0.9000	W 25	0.6818	0.760	0.0076	W 50	0.6887	0.750	0.0315		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9519	0.266	0.9811		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6774	0.767	-0.0088		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.5785	0.920	-0.3653		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4827	1.075	-0.7112		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4448	1.141	-0.8474		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4098	1.205	-0.9738		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4102	1.204	-0.9722		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4980	1.050	-0.6556		0.0000	0.000	0.0000	W 96	0.5468	0.970	-0.4795		
0.3000	W 69	0.5516	0.963	-0.4625		0.0000	0.000	0.0000	W 97	0.5573	0.953	-0.4419		
0.3250	W 70	0.5509	0.964	-0.4648		0.0000	0.000	0.0000	W 98	0.5647	0.942	-0.4144		
0.3500	W 71	0.5546	0.958	-0.4515	W 86	0.5583	0.952	-0.4383	W 99	0.5729	0.929	-0.3847		
0.3750	W 72	0.5635	0.944	-0.4196	W 87	0.5655	0.940	-0.4123	W100	0.5798	0.918	-0.3598		
0.4000	W 73	0.5705	0.932	-0.3941	W 88	0.5742	0.927	-0.3808	W101	0.5865	0.907	-0.3356		
0.4250	W 74	0.5794	0.918	-0.3620	W 89	0.5803	0.917	-0.3589		0.0000	0.000	0.0000		
0.4500	W 75	0.5864	0.908	-0.3369	W 90	0.5894	0.903	-0.3262	W102	0.6016	0.884	-0.2811		
0.4750	W 76	0.5939	0.896	-0.3101	W 91	0.5973	0.891	-0.2975		0.0000	0.000	0.0000		
0.5000	W 77	0.6012	0.885	-0.2835	W 92	0.6038	0.880	-0.2740	W103	0.6149	0.863	-0.2333		
0.5250	W 78	0.6073	0.875	-0.2614	W 93	0.6097	0.871	-0.2529		0.0000	0.000	0.0000		
0.5500	W 79	0.6128	0.867	-0.2417	W 94	0.6148	0.863	-0.2345	W104	0.6249	0.848	-0.1975		
0.5750	W 80	0.6181	0.858	-0.2228		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6257	0.847	-0.1951	W 95	0.6276	0.844	-0.1885	W105	0.6362	0.830	-0.1566		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6370	0.829	-0.1545		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6478	0.813	-0.1154		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6697	0.779	-0.0365		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6935	0.742	0.0491		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

WING PRESSURE DATA

(F) RUN= 111 ALPHA= 2 DEG MINF= 0.774 REC= 7.92E+06  
PT= 4.81 ATM= 70.7 PSIA TT= 257. DEG K= 463. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9554	0.256	1.0007		0.0000	0.000	0.0000		
0.0125	W 2	0.6688	0.780	-0.0143	W 27	0.6872	0.752	0.0506		0.0000	0.000	0.0000		
0.0250	W 3	0.5649	0.941	-0.3826	W 28	0.5715	0.931	-0.3594		0.0000	0.000	0.0000		
0.0500	W 4	0.4717	1.094	-0.7126	W 29	0.4790	1.082	-0.6875		0.0000	0.000	0.0000		
0.1000	W 5	0.4441	1.142	-0.8105	W 30	0.4351	1.159	-0.8433		0.0000	0.000	0.0000		
0.1500	W 6	0.4401	1.150	-0.8245	W 31	0.4164	1.193	-0.9096		0.0000	0.000	0.0000		
0.2000	W 7	0.4540	1.125	-0.7753	W 32	0.4067	1.211	-0.9440		0.0000	0.000	0.0000		
0.2500	W 8	0.4506	1.131	-0.7874	W 33	0.4185	1.189	-0.9021		0.0000	0.000	0.0000		
0.3000	W 9	0.4663	1.104	-0.7318	W 34	0.4219	1.182	-0.8900		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000	W 35	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4598	1.115	-0.7547	W 35	0.5013	1.044	-0.6085	W 51	0.5612	0.947	-0.3964		
0.3750		0.0000	0.000	0.0000	W 36	0.5332	0.992	-0.4956	W 52	0.5646	0.942	-0.3842		
0.4000	W 11	0.4980	1.050	-0.6195	W 37	0.5455	0.972	-0.4518	W 53	0.5672	0.938	-0.3751		
0.4250	W 12	0.5212	1.012	-0.5373	W 38	0.5516	0.962	-0.4303	W 54	0.5741	0.927	-0.3506		
0.4500	W 13	0.5356	0.988	-0.4861	W 39	0.5609	0.948	-0.3972	W 55	0.5797	0.918	-0.3306		
0.4750	W 14	0.5450	0.973	-0.4529	W 40	0.5693	0.934	-0.3676	W 56	0.5865	0.907	-0.3066		
0.5000	W 15	0.5548	0.957	-0.4183	W 41	0.5759	0.924	-0.3442	W 57	0.5928	0.898	-0.2843		
0.5250	W 16	0.5619	0.946	-0.3930	W 42	0.5819	0.915	-0.3230	W 58	0.5991	0.888	-0.2619		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5893	0.903	-0.2966	W 59	0.6054	0.878	-0.2397		
0.5750	W 18	0.5782	0.920	-0.3351	W 44	0.5955	0.893	-0.2748		0.0000	0.000	0.0000		
0.6000	W 19	0.5860	0.908	-0.3078	W 45	0.6025	0.883	-0.2500	W 60	0.6173	0.860	-0.1975		
0.6250	W 20	0.5935	0.897	-0.2813	W 46	0.6093	0.872	-0.2257		0.0000	0.000	0.0000		
0.6500	W 21	0.5994	0.887	-0.2600	W 47	0.6148	0.863	-0.2062		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.6126	0.867	-0.2134	W 48	0.6279	0.843	-0.1598		0.0000	0.000	0.0000		
0.8000	W 24	0.6418	0.822	-0.1098	W 49	0.6532	0.804	-0.0701		0.0000	0.000	0.0000		
0.9000	W 25	0.6759	0.770	0.0107	W 50	0.6830	0.759	0.0354		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9532	0.263	0.9931		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6837	0.758	0.0381		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.5815	0.915	-0.3242		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4797	1.081	-0.6851		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4360	1.157	-0.8396		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3989	1.225	-0.9711		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3935	1.236	-0.9902		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3879	1.246	-1.0100		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3000	W 69	0.5428	0.977	-0.4612		0.0000	0.000	0.0000	W 96	0.5490	0.967	-0.4393		
0.3250	W 70	0.5595	0.950	-0.4020		0.0000	0.000	0.0000	W 97	0.5565	0.955	-0.4126		
0.3500	W 71	0.5620	0.946	-0.3932	W 86	0.5626	0.945	-0.3910	W 98	0.5606	0.948	-0.3975		
0.3750	W 72	0.5647	0.942	-0.3887	W 87	0.5656	0.940	-0.3804	W 99	0.5670	0.938	-0.3751		
0.4000	W 73	0.5683	0.936	-0.3707	W 88	0.5712	0.931	-0.3603	W100	0.5731	0.928	-0.3535		
0.4250	W 74	0.5754	0.925	-0.3456	W 89	0.5759	0.924	-0.3438	W101	0.5794	0.918	-0.3309		
0.4500	W 75	0.5815	0.915	-0.3241	W 90	0.5836	0.912	-0.3166	W102	0.5940	0.896	-0.2793		
0.4750	W 76	0.5883	0.905	-0.3000	W 91	0.5910	0.900	-0.2904		0.0000	0.000	0.0000		
0.5000	W 77	0.5949	0.894	-0.2765	W 92	0.5973	0.891	-0.2681	W103	0.6072	0.875	-0.2324		
0.5250	W 78	0.6008	0.885	-0.2558	W 93	0.6030	0.882	-0.2479		0.0000	0.000	0.0000		
0.5500	W 79	0.6059	0.877	-0.2377	W 94	0.6080	0.874	-0.2301	W104	0.6170	0.860	-0.1978		
0.5750	W 80	0.6111	0.869	-0.2193		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6187	0.857	-0.1923	W 95	0.6207	0.854	-0.1853	W105	0.6284	0.842	-0.1574		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6299	0.840	-0.1527		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6408	0.823	-0.1139		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6629	0.789	-0.0355		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6868	0.753	0.0490		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

WING PRESSURE DATA  
(G) RUN= 109 ALPHA= 2 DEG MINF= 0.785 REC= 7.95E+06  
PT= 4.75 ATM= 69.8 PSIA TT= 256. DEG K= 460. DEG R

2Y/B= .250					2Y/B= .500					2Y/B= .750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9557	0.255	1.0096		0.0000	0.000	0.0000		
0.0125	W 2	0.6673	0.783	0.0047	W 27	0.6874	0.752	0.0752		0.0000	0.000	0.0000		
0.0250	W 3	0.5635	0.944	-0.3570	W 28	0.5720	0.930	-0.3266		0.0000	0.000	0.0000		
0.0500	W 4	0.4679	1.101	-0.6899	W 29	0.4773	1.085	-0.6565		0.0000	0.000	0.0000		
0.1000	W 5	0.4372	1.155	-0.7969	W 30	0.4313	1.165	-0.8168		0.0000	0.000	0.0000		
0.1500	W 6	0.4281	1.171	-0.8287	W 31	0.4100	1.204	-0.8909		0.0000	0.000	0.0000		
0.2000	W 7	0.4327	1.163	-0.8127	W 32	0.3967	1.230	-0.9373		0.0000	0.000	0.0000		
0.2500	W 8	0.4294	1.169	-0.8240	W 33	0.3904	1.242	-0.9594		0.0000	0.000	0.0000		
0.3000	W 9	0.4287	1.170	-0.8266	W 34	0.3981	1.227	-0.9323		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4269	1.173	-0.8330	W 35	0.3969	1.229	-0.9367	W 51	0.5358	0.988	-0.4529		
0.3750		0.0000	0.000	0.0000	W 36	0.4083	1.208	-0.8969	W 52	0.5623	0.946	-0.3606		
0.4000	W 11	0.4274	1.172	-0.8313	W 37	0.5072	1.035	-0.5526	W 53	0.5736	0.928	-0.3213		
0.4250	W 12	0.4732	1.092	-0.6717	W 38	0.5468	0.970	-0.4144	W 54	0.5798	0.918	-0.2995		
0.4500	W 13	0.5279	1.001	-0.4811	W 39	0.5611	0.947	-0.3647	W 55	0.5837	0.912	-0.2861		
0.4750	W 14	0.5442	0.974	-0.4243	W 40	0.5703	0.933	-0.3327	W 56	0.5890	0.904	-0.2677		
0.5000	W 15	0.5537	0.959	-0.3911	W 41	0.5777	0.921	-0.3071	W 57	0.5927	0.898	-0.2547		
0.5250	W 16	0.5602	0.949	-0.3684	W 42	0.5828	0.913	-0.2891	W 58	0.5971	0.891	-0.2394		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5877	0.906	-0.2723	W 59	0.6018	0.884	-0.2230		
0.5750	W 18	0.5743	0.926	-0.3192	W 44	0.5931	0.897	-0.2533		0.0000	0.000	0.0000		
0.6000	W 19	0.5816	0.915	-0.2940	W 45	0.5992	0.888	-0.2323	W 60	0.6122	0.868	-0.1869		
0.6250	W 20	0.5881	0.905	-0.2713	W 46	0.6053	0.878	-0.2109		0.0000	0.000	0.0000		
0.6500	W 21	0.5936	0.896	-0.2521	W 47	0.6102	0.871	-0.1936		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000	W 48	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.6069	0.876	-0.2059	W 49	0.6227	0.851	-0.1503		0.0000	0.000	0.0000		
0.8000	W 24	0.6358	0.831	-0.1052	W 49	0.6469	0.814	-0.0660		0.0000	0.000	0.0000		
0.9000	W 25	0.6692	0.780	0.0112	W 50	0.6764	0.769	0.0369		0.0000	0.000	0.0000		

2Y/B= .775					2Y/B= .800					2Y/B= .900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9519	0.266	0.9962		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6802	0.763	0.0503		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.5800	0.918	-0.2987		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4727	1.092	-0.6725		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4306	1.167	-0.8210		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3909	1.241	-0.9595		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3807	1.260	-0.9950		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3690	1.284	-1.0359		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3000	W 69	0.3647	1.292	-1.0508		0.0000	0.000	0.0000	W 96	0.4344	1.160	-0.8077		
0.3250	W 70	0.4943	1.056	-0.5991		0.0000	0.000	0.0000	W 97	0.5537	0.959	-0.3920		
0.3500	W 71	0.5438	0.975	-0.4264	W 86	0.5593	0.950	-0.3727	W 98	0.5604	0.949	-0.3679		
0.3750	W 72	0.5673	0.938	-0.3446	W 87	0.5704	0.933	-0.3337	W 99	0.5650	0.941	-0.3517		
0.4000	W 73	0.5759	0.924	-0.3147	W 88	0.5774	0.922	-0.3096	W 100	0.5695	0.934	-0.3363		
0.4250	W 74	0.5812	0.916	-0.2961	W 89	0.5800	0.918	-0.3002	W 101	0.5740	0.927	-0.3205		
0.4500	W 75	0.5846	0.910	-0.2843	W 90	0.5848	0.910	-0.2837	W 102	0.5867	0.907	-0.2761		
0.4750	W 76	0.5888	0.904	-0.2698	W 91	0.5901	0.902	-0.2651		0.0000	0.000	0.0000		
0.5000	W 77	0.5930	0.897	-0.2549	W 92	0.5943	0.895	-0.2504	W 103	0.5992	0.888	-0.2325		
0.5250	W 78	0.5975	0.890	-0.2395	W 93	0.5981	0.889	-0.2373		0.0000	0.000	0.0000		
0.5500	W 79	0.6017	0.884	-0.2248	W 94	0.6027	0.882	-0.2212	W 104	0.6087	0.873	-0.1997		
0.5750	W 80	0.6060	0.877	-0.2096		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6131	0.866	-0.1849	W 95	0.6145	0.864	-0.1802	W 105	0.6200	0.855	-0.1601		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6241	0.849	-0.1466		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6344	0.833	-0.1108		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6563	0.800	-0.0344		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6800	0.763	0.0482		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

(H) RUN= 100 ALPHA= 2 DEG MINF= 0.794 REC= 7.93E+06  
PT= 4.80 ATM= 70.6 PSIA TT= 259. DEG K= 467. DEG R

WING PRESSURE DATA												
2Y/B=.250				2Y/B=.500								
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9525	0.264	1.0051		0.0000	0.000	0.0000
0.0125	W 2	0.6695	0.779	0.0315	W 27	0.6903	0.747	0.1057		0.0000	0.000	0.0000
0.0250	W 3	0.5649	0.941	-0.3282	W 28	0.5755	0.925	-0.2881		0.0000	0.000	0.0000
0.0500	W 4	0.4675	1.101	-0.6629	W 29	0.4740	1.090	-0.6399		0.0000	0.000	0.0000
0.1000	W 5	0.4360	1.157	-0.7713	W 30	0.4270	1.173	-0.8015		0.0000	0.000	0.0000
0.1500	W 6	0.4234	1.180	-0.8144	W 31	0.4032	1.217	-0.8833		0.0000	0.000	0.0000
0.2000	W 7	0.4272	1.173	-0.8016	W 32	0.3890	1.244	-0.9318		0.0000	0.000	0.0000
0.2500	W 8	0.4210	1.184	-0.8226	W 33	0.3821	1.258	-0.9556		0.0000	0.000	0.0000
0.3000	W 9	0.4228	1.181	-0.8164	W 34	0.3861	1.250	-0.9420		0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 10	0.4183	1.189	-0.8319	W 35	0.3847	1.253	-0.9467	W 51	0.4370	1.155	-0.7669
0.3750		0.0000	0.000	0.0000	W 36	0.3788	1.264	-0.9671	W 52	0.5223	1.010	-0.4741
0.4000	W 11	0.4130	1.199	-0.8502	W 37	0.3873	1.248	-0.9379	W 53	0.5505	0.964	-0.3769
0.4250	W 12	0.4172	1.191	-0.8359	W 38	0.4860	1.070	-0.5985	W 54	0.5702	0.933	-0.3094
0.4500	W 13	0.4320	1.164	-0.7849	W 39	0.5385	0.984	-0.4184	W 55	0.5825	0.914	-0.2670
0.4750	W 14	0.4780	1.033	-0.6267	W 40	0.5598	0.949	-0.3451	W 56	0.5896	0.903	-0.2426
0.5000	W 15	0.5386	0.983	-0.4186	W 41	0.5724	0.930	-0.3019	W 57	0.5939	0.896	-0.2278
0.5250	W 16	0.5534	0.960	-0.3678	W 42	0.5807	0.917	-0.2733	W 58	0.5974	0.890	-0.2158
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5873	0.906	-0.2506	W 59	0.6013	0.884	-0.2026
0.5750	W 18	0.5699	0.934	-0.3111	W 44	0.5924	0.898	-0.2332		0.0000	0.000	0.0000
0.6000	W 19	0.5770	0.922	-0.2866	W 45	0.5980	0.889	-0.2137	W 60	0.6094	0.872	-0.1748
0.6250	W 20	0.5840	0.911	-0.2625	W 46	0.6036	0.881	-0.1945		0.0000	0.000	0.0000
0.6500	W 21	0.5900	0.902	-0.2420	W 47	0.6082	0.874	-0.1789		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.6022	0.833	-0.1998	W 48	0.6196	0.856	-0.1396		0.0000	0.000	0.0000
0.8000	W 24	0.6311	0.838	-0.1007	W 49	0.6424	0.821	-0.0612		0.0000	0.000	0.0000
0.9000	W 25	0.6644	0.787	0.0139	W 50	0.6716	0.776	0.0390		0.0000	0.000	0.0000

2Y/B=.775				2Y/B=.800								
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9447	0.286	0.9782		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.6721	0.775	0.0430		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.5725	0.929	-0.2985		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.4745	1.090	-0.6383		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.4289	1.170	-0.7943		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.3883	1.246	-0.9339		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.3772	1.267	-0.9720		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.3644	1.293	-1.0158		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3000	W 69	0.3524	1.318	-1.0572		0.0000	0.000	0.0000	W 96	0.3732	1.275	-0.9858
0.3250	W 70	0.3523	1.318	-1.0575		0.0000	0.000	0.0000	W 97	0.5252	1.005	-0.4634
0.3500	W 71	0.4825	1.076	-0.6102	W 86	0.5161	1.020	-0.4949	W 98	0.5531	0.960	-0.3688
0.3750	W 72	0.5324	0.993	-0.4387	W 87	0.5446	0.974	-0.3968	W 99	0.5625	0.945	-0.3363
0.4000	W 73	0.5569	0.954	-0.3545	W 88	0.5664	0.939	-0.3221	W100	0.5678	0.937	-0.3182
0.4250	W 74	0.5742	0.927	-0.2951	W 89	0.5786	0.920	-0.2799	W101	0.5720	0.930	-0.3038
0.4500	W 75	0.5843	0.911	-0.2603	W 90	0.5859	0.908	-0.2550	W102	0.5828	0.913	-0.2665
0.4750	W 76	0.5899	0.902	-0.2414	W 91	0.5908	0.901	-0.2381		0.0000	0.000	0.0000
0.5000	W 77	0.5938	0.896	-0.2277	W 92	0.5940	0.896	-0.2273	W103	0.5945	0.895	-0.2265
0.5250	W 78	0.5969	0.891	-0.2172	W 93	0.5970	0.891	-0.2168		0.0000	0.000	0.0000
0.5500	W 79	0.5998	0.887	-0.2072	W 94	0.6007	0.885	-0.2042	W104	0.6029	0.882	-0.1977
0.5750	W 80	0.6031	0.882	-0.1958		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6000	W 81	0.6092	0.872	-0.1750	W 95	0.6101	0.871	-0.1719	W105	0.6140	0.865	-0.1593
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6500	W 82	0.6188	0.857	-0.1421		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.6286	0.842	-0.1082		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.6499	0.809	-0.0353		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.6734	0.773	0.0455		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

(I) RUN= 108 ALPHA= 2 DEG MINF= 0.804 REC= 8.00E+06  
 PT= 4.76 ATM= 70.0 PSIA TT= 257. DEG K= 463. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9533	0.262	1.0141		0.0000	0.000	0.0000		
0.0125	W 2	0.6659	0.785	0.0432	W 27	0.6869	0.753	0.1125		0.0000	0.000	0.0000		
0.0250	W 3	0.5581	0.952	-0.3211	W 28	0.5696	0.934	-0.2842		0.0000	0.000	0.0000		
0.0500	W 4	0.4594	1.116	-0.6547	W 29	0.4719	1.094	-0.6150		0.0000	0.000	0.0000		
0.1000	W 5	0.4290	1.169	-0.7574	W 30	0.4235	1.179	-0.7787		0.0000	0.000	0.0000		
0.1500	W 6	0.4117	1.201	-0.8159	W 31	0.3988	1.225	-0.8622		0.0000	0.000	0.0000		
0.2000	W 7	0.4138	1.197	-0.8088	W 32	0.3833	1.255	-0.9147		0.0000	0.000	0.0000		
0.2500	W 8	0.4128	1.199	-0.8121	W 33	0.3743	1.273	-0.9452		0.0000	0.000	0.0000		
0.3000	W 9	0.4088	1.207	-0.8256	W 34	0.3734	1.275	-0.9482		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4034	1.217	-0.8440	W 35	0.3718	1.278	-0.9535	W 51	0.3378	1.348	-1.0688		
0.3750		0.0000	0.000	0.0000	W 36	0.3662	1.289	-0.9725	W 52	0.3941	1.234	-0.8781		
0.4000	W 11	0.3971	1.229	-0.8653	W 37	0.3690	1.284	-0.9632	W 53	0.4927	1.059	-0.5446		
0.4250	W 12	0.3971	1.229	-0.8653	W 38	0.3649	1.292	-0.9769	W 54	0.5181	1.017	-0.4586		
0.4500	W 13	0.4016	1.220	-0.8500	W 39	0.3800	1.262	-0.9259	W 55	0.5402	0.981	-0.3838		
0.4750	W 14	0.4017	1.220	-0.8498	W 40	0.4886	1.066	-0.5585	W 56	0.5626	0.945	-0.3081		
0.5000	W 15	0.4076	1.209	-0.8298	W 41	0.5345	0.990	-0.4031	W 57	0.5828	0.913	-0.2398		
0.5250	W 16	0.4606	1.113	-0.6507	W 42	0.5580	0.952	-0.3235	W 58	0.5955	0.893	-0.1967		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5735	0.928	-0.2712	W 59	0.6029	0.882	-0.1715		
0.5750	W 18	0.5549	0.957	-0.3320	W 44	0.5857	0.909	-0.2300		0.0000	0.000	0.0000		
0.6000	W 19	0.5697	0.934	-0.2817	W 45	0.5950	0.894	-0.1985	W 60	0.6115	0.869	-0.1425		
0.6250	W 20	0.5796	0.918	-0.2484	W 46	0.6022	0.883	-0.1739		0.0000	0.000	0.0000		
0.6500	W 21	0.5858	0.909	-0.2275	W 47	0.6077	0.874	-0.1555		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5989	0.888	-0.1831	W 48	0.6183	0.858	-0.1195		0.0000	0.000	0.0000		
0.8000	W 24	0.6260	0.846	-0.0914	W 49	0.6390	0.826	-0.0496		0.0000	0.000	0.0000		
0.9000	W 25	0.6589	0.796	0.0196	W 50	0.6673	0.783	0.0464		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9486	0.276	0.9980		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6783	0.766	0.0835		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.5769	0.922	-0.2597		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4705	1.096	-0.6197		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4219	1.182	-0.7833		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3814	1.259	-0.9201		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3687	1.284	-0.9632		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3545	1.313	-1.0112		0.0000	0.000	0.0000	W 96	0.3554	1.311	-1.0081		
0.3000	W 69	0.3412	1.341	-1.0561		0.0000	0.000	0.0000	W 97	0.3711	1.279	-0.9550		
0.3250	W 70	0.3382	1.347	-1.0661		0.0000	0.000	0.0000	W 98	0.4622	1.111	-0.6452		
0.3500	W 71	0.3313	1.362	-1.0895	W 86	0.3494	1.324	-1.0284	W 99	0.5340	0.991	-0.4024		
0.3750	W 72	0.4540	1.125	-0.6746	W 87	0.4861	1.070	-0.5662	W100	0.5571	0.954	-0.3243		
0.4000	W 73	0.5015	1.044	-0.5139	W 88	0.5139	1.023	-0.4720	W101	0.5679	0.937	-0.2877		
0.4250	W 74	0.5240	1.007	-0.4379	W 89	0.5364	0.987	-0.3958		0.0000	0.000	0.0000		
0.4500	W 75	0.5459	0.972	-0.3639	W 90	0.5594	0.950	-0.3180	W102	0.5802	0.917	-0.2464		
0.4750	W 76	0.5677	0.937	-0.2901	W 91	0.5791	0.919	-0.2514		0.0000	0.000	0.0000		
0.5000	W 77	0.5826	0.914	-0.2396	W 92	0.5909	0.901	-0.2115	W103	0.5894	0.903	-0.2153		
0.5250	W 78	0.5952	0.894	-0.1971	W 93	0.5985	0.889	-0.1858		0.0000	0.000	0.0000		
0.5500	W 79	0.6038	0.881	-0.1680	W 94	0.6027	0.882	-0.1715	W104	0.5977	0.890	-0.1872		
0.5750	W 80	0.6070	0.876	-0.1571		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6114	0.869	-0.1423	W 95	0.6107	0.870	-0.1444	W105	0.6081	0.874	-0.1522		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6182	0.858	-0.1191		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6263	0.846	-0.0917		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6461	0.815	-0.0248		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6690	0.780	0.0525		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

## WING PRESSURE DATA

(J) RUN= 102 ALPHA= 2 DEG MINF= 0.819 REC= 2.02E+06  
PT= 1.22 ATM= 17.9 PSIA TT= 261. DEG K= 471. DEG R

X/C	2Y/B= .250				2Y/B= .500				2Y/B= .750			
	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9508	0.269	1.0163		0.0000	0.000	0.0000
0.0125	W 2	0.6731	0.774	0.0976	W 27	0.6823	0.760	0.1274		0.0000	0.000	0.0000
0.0250	W 3	0.5578	0.953	-0.2839	W 28	0.5606	0.948	-0.2752		0.0000	0.000	0.0000
0.0500	W 4	0.4568	1.120	-0.6181	W 29	0.4576	1.119	-0.6146		0.0000	0.000	0.0000
0.1000	W 5	0.4201	1.186	-0.7396	W 30	0.4090	1.206	-0.7754		0.0000	0.000	0.0000
0.1500	W 6	0.4022	1.219	-0.7987	W 31	0.3824	1.257	-0.8633		0.0000	0.000	0.0000
0.2000	W 7	0.4016	1.220	-0.8008	W 32	0.3675	1.287	-0.9126		0.0000	0.000	0.0000
0.2500	W 8	0.3995	1.224	-0.8077	W 33	0.3575	1.307	-0.9457		0.0000	0.000	0.0000
0.3000	W 9	0.3970	1.229	-0.8159	W 34	0.3543	1.314	-0.9563		0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 10	0.3904	1.242	-0.8378	W 35	0.3497	1.323	-0.9714	W 51	0.3210	1.385	-1.0665
0.3750		0.0000	0.000	0.0000	W 36	0.3486	1.325	-0.9752	W 52	0.3241	1.378	-1.0561
0.4000	W 11	0.3861	1.250	-0.8520	W 37	0.3473	1.328	-0.9795	W 53	0.3329	1.359	-1.0271
0.4250	W 12	0.3867	1.249	-0.8503	W 38	0.3484	1.326	-0.9758	W 54	0.3504	1.322	-0.9692
0.4500	W 13	0.3875	1.247	-0.8475	W 39	0.3535	1.315	-0.9588	W 55	0.4358	1.157	-0.6866
0.4750	W 14	0.3861	1.250	-0.8520	W 40	0.3611	1.300	-0.9338	W 56	0.4865	1.069	-0.5191
0.5000	W 15	0.3899	1.242	-0.8394	W 41	0.3665	1.289	-0.9158	W 57	0.5133	1.025	-0.4305
0.5250	W 16	0.3913	1.240	-0.8348	W 42	0.3812	1.259	-0.8672	W 58	0.5453	0.973	-0.3247
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.4509	1.130	-0.6368	W 59	0.5759	0.924	-0.2232
0.5750	W 18	0.4004	1.223	-0.8048	W 44	0.5345	0.990	-0.3603		0.0000	0.000	0.0000
0.6000	W 19	0.4354	1.158	-0.6891	W 45	0.5768	0.923	-0.2204	W 60	0.6127	0.867	-0.1010
0.6250	W 20	0.5154	1.021	-0.4244	W 46	0.5980	0.889	-0.1502		0.0000	0.000	0.0000
0.6500	W 21	0.5555	0.956	-0.2916	W 47	0.6093	0.872	-0.1129		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.5909	0.901	-0.1746	W 48	0.6228	0.851	-0.0682		0.0000	0.000	0.0000
0.8000	W 24	0.6200	0.855	-0.0782	W 49	0.6392	0.826	-0.0138		0.0000	0.000	0.0000
0.9000	W 25	0.6508	0.808	0.0237	W 50	0.6623	0.790	0.0624		0.0000	0.000	0.0000

X/C	2Y/B= .775				2Y/B= .800				2Y/B= .900			
	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9453	0.285	0.9980		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.6827	0.759	0.1289		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.5717	0.931	-0.2385		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.4613	1.112	-0.6024		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.4117	1.201	-0.7689		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.3757	1.270	-0.8881		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.3568	1.308	-0.9509		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.3403	1.343	-1.0054		0.0000	0.000	0.0000	W 96	0.3324	1.360	-1.0316
0.3000	W 69	0.3274	1.371	-1.0483		0.0000	0.000	0.0000	W 97	0.3527	1.317	-0.9643
0.3250	W 70	0.3269	1.372	-1.0498		0.0000	0.000	0.0000	W 98	0.3596	1.303	-0.9398
0.3500	W 71	0.3384	1.347	-1.0118	W 86	0.3449	1.333	-0.9900	W 99	0.3640	1.294	-0.9252
0.3750	W 72	0.3413	1.341	-1.0023	W 87	0.3489	1.325	-0.9771	W100	0.3792	1.263	-0.8750
0.4000	W 73	0.3381	1.348	-1.0128	W 88	0.3530	1.316	-0.9635	W101	0.4648	1.106	-0.5917
0.4250	W 74	0.3736	1.275	-0.8952	W 89	0.4073	1.209	-0.7836		0.0000	0.000	0.0000
0.4500	W 75	0.4394	1.151	-0.6773	W 90	0.4633	1.109	-0.5982	W102	0.5779	0.921	-0.2176
0.4750	W 76	0.4883	1.066	-0.5154	W 91	0.5033	1.041	-0.4657		0.0000	0.000	0.0000
0.5000	W 77	0.5261	1.003	-0.3901	W 92	0.5372	0.986	-0.3536	W103	0.5958	0.893	-0.1582
0.5250	W 78	0.5591	0.951	-0.2809	W 93	0.5693	0.934	-0.2471		0.0000	0.000	0.0000
0.5500	W 79	0.5851	0.910	-0.1947	W 94	0.5924	0.898	-0.1708	W104	0.6009	0.885	-0.1413
0.5750	W 80	0.6021	0.883	-0.1384		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6000	W 81	0.6133	0.866	-0.1015	W 95	0.6147	0.864	-0.0967	W105	0.6084	0.873	-0.1167
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6500	W 82	0.6228	0.851	-0.0701		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.6280	0.843	-0.0527		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.6410	0.823	-0.0098		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.6610	0.792	0.0565		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-III. - WING PRESSURE DATA; ALPHA = 2 DEG - Continued

WING PRESSURE DATA  
(K) RUN= 104 ALPHA= 2 DEG MINF= 0.814 REC= 3.90E+06  
PT= 2.32 ATM= 34.1 PSIA TT= 259. DEG K= 465. DEG R

2Y/B=.25					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9528	0.264	1.0194		0.0000	0.000	0.0000		
0.0125	W 2	0.6731	0.774	0.0875	W 27	0.6890	0.749	0.1404		0.0000	0.000	0.0000		
0.0250	W 3	0.5635	0.944	-0.2778	W 28	0.5692	0.935	-0.2586		0.0000	0.000	0.0000		
0.0500	W 4	0.4588	1.117	-0.6265	W 29	0.4590	1.116	-0.6271		0.0000	0.000	0.0000		
0.1000	W 5	0.4223	1.182	-0.7483	W 30	0.4103	1.204	-0.7896		0.0000	0.000	0.0000		
0.1500	W 6	0.4048	1.214	-0.8064	W 31	0.3840	1.254	-0.8771		0.0000	0.000	0.0000		
0.2000	W 7	0.4068	1.210	-0.7998	W 32	0.3717	1.278	-0.9181		0.0000	0.000	0.0000		
0.2500	W 8	0.4057	1.213	-0.8036	W 33	0.3630	1.296	-0.9473		0.0000	0.000	0.0000		
0.3000	W 9	0.4041	1.215	-0.8088	W 34	0.3606	1.301	-0.9552		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.3978	1.227	-0.8298	W 35	0.3604	1.301	-0.9558	W 51	0.3260	1.374	-1.0708		
0.3750		0.0000	0.000	0.0000	W 36	0.3546	1.313	-0.9753	W 52	0.3216	1.384	-1.0853		
0.4000	W 11	0.3906	1.241	-0.8536	W 37	0.3576	1.307	-0.9654	W 53	0.3409	1.342	-1.0209		
0.4250	W 12	0.3919	1.239	-0.8495	W 38	0.3551	1.312	-0.9736	W 54	0.4726	1.093	-0.5817		
0.4500	W 13	0.3942	1.234	-0.8419	W 39	0.3577	1.306	-0.9648	W 55	0.4966	1.052	-0.5017		
0.4750	W 14	0.3952	1.232	-0.8385	W 40	0.3587	1.305	-0.9617	W 56	0.5121	1.026	-0.4500		
0.5000	W 15	0.3958	1.231	-0.8363	W 41	0.3731	1.276	-0.9136	W 57	0.5285	1.000	-0.3953		
0.5250	W 16	0.3941	1.235	-0.8422	W 42	0.4912	1.061	-0.5197	W 58	0.5462	0.971	-0.3364		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5347	0.990	-0.3748	W 59	0.5643	0.942	-0.2761		
0.5750	W 18	0.4429	1.145	-0.6795	W 44	0.5571	0.954	-0.3001		0.0000	0.000	0.0000		
0.6000	W 19	0.5201	1.013	-0.4221	W 45	0.5741	0.927	-0.2435	W 60	0.5981	0.889	-0.1635		
0.6250	W 20	0.5448	0.973	-0.3399	W 46	0.5880	0.905	-0.1970		0.0000	0.000	0.0000		
0.6500	W 21	0.5670	0.938	-0.2659	W 47	0.5987	0.888	-0.1612		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5922	0.899	-0.1821	W 48	0.6147	0.864	-0.1080		0.0000	0.000	0.0000		
0.8000	W 24	0.6217	0.853	-0.0838	W 49	0.6362	0.830	-0.0362		0.0000	0.000	0.0000		
0.9000	W 25	0.6543	0.803	0.0248	W 50	0.6619	0.791	0.0494		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9468	0.281	0.9995		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6900	0.748	0.1438		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.5790	0.919	-0.2261		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4655	1.105	-0.6055		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4173	1.191	-0.7649		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3785	1.265	-0.8939		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3639	1.294	-0.9427		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3488	1.325	-0.9931		0.0000	0.000	0.0000	W 96	0.3383	1.347	-1.0279		
0.3000	W 69	0.3350	1.354	-1.0390		0.0000	0.000	0.0000	W 97	0.3503	1.322	-0.9881		
0.3250	W 70	0.3301	1.365	-1.0551		0.0000	0.000	0.0000	W 98	0.3562	1.310	-0.9686		
0.3500	W 71	0.3220	1.383	-1.0823	W 86	0.3172	1.393	-1.0984	W 99	0.3671	1.287	-0.9320		
0.3750	W 72	0.3180	1.391	-1.0955	W 87	0.3234	1.379	-1.0775	W 100	0.4854	1.071	-0.5379		
0.4000	W 73	0.4285	1.170	-0.7274	W 88	0.4661	1.104	-0.6021	W 101	0.5364	0.987	-0.3680		
0.4250	W 74	0.4865	1.069	-0.5342	W 89	0.4941	1.056	-0.5088		0.0000	0.000	0.0000		
0.4500	W 75	0.5003	1.046	-0.4880	W 90	0.5083	1.033	-0.4615	W 102	0.5719	0.930	-0.2497		
0.4750	W 76	0.5149	1.022	-0.4395	W 91	0.5255	1.005	-0.4042		0.0000	0.000	0.0000		
0.5000	W 77	0.5316	0.995	-0.3839	W 92	0.5455	0.972	-0.3376	W 103	0.5858	0.909	-0.2033		
0.5250	W 78	0.5515	0.963	-0.3176	W 93	0.5661	0.940	-0.2691		0.0000	0.000	0.0000		
0.5500	W 79	0.5712	0.931	-0.2519	W 94	0.5850	0.910	-0.2060	W 104	0.5949	0.894	-0.1729		
0.5750	W 80	0.5890	0.904	-0.1927		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6031	0.882	-0.1458	W 95	0.6088	0.873	-0.1265	W 105	0.6038	0.881	-0.1435		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6192	0.857	-0.0920		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6270	0.845	-0.0661		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6427	0.820	-0.0136		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6638	0.788	0.0565		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

WING PRESSURE DATA  
 (L) RUN= 105 ALPHA= 2 DEG MINF= 0.815 REC= 5.98E+06  
 PT= 3.54 ATM= 52.0 PSIA TT= 258. DEG K= 464. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9523	0.265	1.0177		0.0000	0.000	0.0000		
0.0125	W 2	0.6712	0.777	0.0823	W 27	0.6819	0.760	0.1169		0.0000	0.000	0.0000		
0.0250	W 3	0.5601	0.949	-0.2877	W 28	0.5625	0.945	-0.2810		0.0000	0.000	0.0000		
0.0500	W 4	0.4584	1.117	-0.6264	W 29	0.4694	1.098	-0.5891		0.0000	0.000	0.0000		
0.1000	W 5	0.4234	1.180	-0.7428	W 30	0.4216	1.183	-0.7481		0.0000	0.000	0.0000		
0.1500	W 6	0.4051	1.214	-0.8039	W 31	0.3941	1.234	-0.8396		0.0000	0.000	0.0000		
0.2000	W 7	0.4112	1.202	-0.7835	W 32	0.3778	1.266	-0.8938		0.0000	0.000	0.0000		
0.2500	W 8	0.4052	1.213	-0.8036	W 33	0.3672	1.207	-0.9292		0.0000	0.000	0.0000		
0.3000	W 9	0.4023	1.219	-0.8133	W 34	0.3628	1.296	-0.9439		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.3942	1.234	-0.8401	W 35	0.3609	1.300	-0.9502	W 51	0.3278	1.370	-1.0603		
0.3750		0.0000	0.000	0.0000	W 36	0.3560	1.310	-0.9666	W 52	0.3236	1.379	-1.0745		
0.4000	W 11	0.3876	1.247	-0.8623	W 37	0.3575	1.307	-0.9617	W 53	0.3978	1.227	-0.8273		
0.4250	W 12	0.3885	1.245	-0.8593	W 38	0.3535	1.315	-0.9749	W 54	0.4769	1.085	-0.5643		
0.4500	W 13	0.3915	1.239	-0.8492	W 39	0.3569	1.308	-0.9635	W 55	0.4948	1.055	-0.5044		
0.4750	W 14	0.3924	1.238	-0.8462	W 40	0.3579	1.306	-0.9601	W 56	0.5081	1.033	-0.4602		
0.5000	W 15	0.3927	1.237	-0.8453	W 41	0.3937	1.235	-0.8410	W 57	0.5232	1.008	-0.4099		
0.5250	W 16	0.3922	1.238	-0.8469	W 42	0.4919	1.060	-0.5141	W 58	0.5416	0.979	-0.3487		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5276	1.001	-0.3953	W 59	0.5600	0.949	-0.2874		
0.5750	W 18	0.4168	1.192	-0.7649	W 44	0.5479	0.968	-0.3278		0.0000	0.000	0.0000		
0.6000	W 19	0.5005	1.046	-0.4864	W 45	0.5653	0.941	-0.2697	W 60	0.5958	0.893	-0.1683		
0.6250	W 20	0.5438	0.975	-0.3422	W 46	0.5809	0.916	-0.2180		0.0000	0.000	0.0000		
0.6500	W 21	0.5635	0.944	-0.2764	W 47	0.5941	0.896	-0.1741		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000	W 48	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5879	0.905	-0.1953	W 48	0.6134	0.866	-0.1096		0.0000	0.000	0.0000		
0.8000	W 24	0.6204	0.855	-0.0870	W 49	0.6373	0.829	-0.0302		0.0000	0.000	0.0000		
0.9000	W 25	0.6526	0.805	0.0202	W 50	0.6622	0.791	0.0526		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9499	0.272	1.0100		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6843	0.757	0.1248		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.5749	0.926	-0.2398		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4683	1.100	-0.5926		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4248	1.177	-0.7381		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3818	1.258	-0.8813		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3670	1.288	-0.9305		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3508	1.321	-0.9843		0.0000	0.000	0.0000	W 96	0.3459	1.331	-1.0006		
0.3000	W 69	0.3351	1.354	-1.0366		0.0000	0.000	0.0000	W 97	0.3535	1.315	-0.9756		
0.3250	W 70	0.3312	1.362	-1.0496		0.0000	0.000	0.0000	W 98	0.3517	1.319	-0.9816		
0.3500	W 71	0.3230	1.380	-1.0769	W 86	0.3177	1.392	-1.0946	W 99	0.3986	1.226	-0.8257		
0.3750	W 72	0.3191	1.389	-1.0899	W 87	0.3275	1.370	-1.0619	W100	0.5009	1.045	-0.4848		
0.4000	W 73	0.4439	1.143	-0.6743	W 88	0.4636	1.108	-0.6090	W101	0.5320	0.994	-0.3812		
0.4250	W 74	0.4864	1.069	-0.5330	W 89	0.4921	1.060	-0.5138		0.0000	0.000	0.0000		
0.4500	W 75	0.5002	1.046	-0.4871	W 90	0.5074	1.034	-0.4631	W102	0.5663	0.939	-0.2673		
0.4750	W 76	0.5141	1.023	-0.4407	W 91	0.5251	1.005	-0.4041		0.0000	0.000	0.0000		
0.5000	W 77	0.5284	1.000	-0.3931	W 92	0.5423	0.977	-0.3467	W103	0.5849	0.910	-0.2052		
0.5250	W 78	0.5480	0.968	-0.3279	W 93	0.5630	0.944	-0.2780		0.0000	0.000	0.0000		
0.5500	W 79	0.5704	0.933	-0.2532	W 94	0.5809	0.916	-0.2181	W104	0.5950	0.894	-0.1714		
0.5750	W 80	0.5881	0.905	-0.1944		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6018	0.884	-0.1486	W 95	0.6063	0.877	-0.1336	W105	0.6054	0.878	-0.1370		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6178	0.859	-0.0956		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6260	0.846	-0.0683		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6426	0.821	-0.0129		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6644	0.787	0.0599		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. - WING PRESSURE DATA; ALPHA = 2 DEG - Continued

WING PRESSURE DATA												
(M) RUN= 101 ALPHA= 2 DEG MINF= 0.813 REC= 7.91E+06												
PT= 4.62 ATM= 67.9 PSIA TT= 255. DEG K= 458. DEG R												
2Y/B=.250												
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9516	0.267	1.0149	W 51	0.3312	1.362	-1.0545
0.0125	W 2	0.6649	0.786	-0.0588	W 27	0.6843	0.757	0.1227	W 52	0.3268	1.372	-1.0693
0.0250	W 3	0.5612	0.947	-0.2872	W 28	0.5662	0.939	-0.2716	W 53	0.3990	1.225	-0.8284
0.0500	W 4	0.4607	1.113	-0.6226	W 29	0.4774	1.084	-0.5668	W 54	0.4757	1.087	-0.5724
0.1000	W 5	0.4276	1.172	-0.7328	W 30	0.4250	1.177	-0.7416	W 55	0.5004	1.046	-0.4900
0.1500	W 6	0.4068	1.210	-0.8022	W 31	0.3976	1.228	-0.8331	W 56	0.5184	1.016	-0.4302
0.2000	W 7	0.4113	1.202	-0.7872	W 32	0.3815	1.259	-0.8868	W 57	0.5366	0.987	-0.3694
0.2500	W 8	0.4079	1.208	-0.7988	W 33	0.3725	1.277	-0.9169	W 58	0.5583	0.952	-0.2968
0.3000	W 9	0.4049	1.214	-0.8085	W 34	0.3668	1.288	-0.9357	W 59	0.5813	0.916	-0.2204
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 10	0.3975	1.228	-0.8332	W 35	0.3661	1.290	-0.9383	W 60	0.6081	0.874	-0.1307
0.3750		0.0000	0.000	0.0000	W 36	0.3603	1.301	-0.9575		0.0000	0.000	0.0000
0.4000	W 11	0.3916	1.239	-0.8532	W 37	0.3620	1.298	-0.9519		0.0000	0.000	0.0000
0.4250	W 12	0.3908	1.241	-0.8558	W 38	0.3570	1.308	-0.9683		0.0000	0.000	0.0000
0.4500	W 13	0.3951	1.232	-0.8412	W 39	0.3605	1.301	-0.9566		0.0000	0.000	0.0000
0.4750	W 14	0.3936	1.235	-0.8465	W 40	0.3627	1.296	-0.9494		0.0000	0.000	0.0000
0.5000	W 15	0.3962	1.231	-0.8378	W 41	0.4363	1.156	-0.7038		0.0000	0.000	0.0000
0.5250	W 16	0.3947	1.233	-0.8428	W 42	0.5125	1.026	-0.4498		0.0000	0.000	0.0000
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5418	0.978	-0.3518		0.0000	0.000	0.0000
0.5750	W 18	0.4742	1.090	-0.5777	W 44	0.5621	0.946	-0.2844		0.0000	0.000	0.0000
0.6000	W 19	0.5334	0.992	-0.3801	W 45	0.5785	0.920	-0.2295		0.0000	0.000	0.0000
0.6250	W 20	0.5587	0.951	-0.2958	W 46	0.5921	0.899	-0.1842		0.0000	0.000	0.0000
0.6500	W 21	0.5738	0.927	-0.2453	W 47	0.6022	0.883	-0.1504		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.5926	0.898	-0.1827	W 48	0.6171	0.860	-0.1008		0.0000	0.000	0.0000
0.8000	W 24	0.6225	0.852	-0.0827	W 49	0.6376	0.828	-0.0324		0.0000	0.000	0.0000
0.9000	W 25	0.6562	0.800	0.0297	W 50	0.6630	0.789	0.0522		0.0000	0.000	0.0000
2Y/B=.775												
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9467	0.281	0.9985		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.6831	0.758	0.1186		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.5785	0.920	-0.2305		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.4799	1.080	-0.5584		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.4205	1.185	-0.7559		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.3787	1.264	-0.8950		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.3662	1.289	-0.9369		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.3516	1.319	-0.9855		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3000	W 69	0.3371	1.350	-1.0339		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3250	W 70	0.3339	1.357	-1.0446		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 71	0.3257	1.375	-1.0721	W 86	0.3229	1.381	-1.0812		0.0000	0.000	0.0000
0.3750	W 72	0.3222	1.382	-1.0835	W 87	0.3505	1.321	-0.9892		0.0000	0.000	0.0000
0.4000	W 73	0.4501	1.132	-0.6572	W 88	0.4734	1.091	-0.5794		0.0000	0.000	0.0000
0.4250	W 74	0.4910	1.061	-0.5206	W 89	0.4981	1.050	-0.4969	W 96	0.3455	1.332	-1.0059
0.4500	W 75	0.5067	1.035	-0.4683	W 90	0.5158	1.020	-0.4379	W 97	0.3555	1.311	-0.9726
0.4750	W 76	0.5239	1.007	-0.4111	W 91	0.5363	0.987	-0.3698	W 98	0.3591	1.304	-0.9616
0.5000	W 77	0.5437	0.975	-0.3451	W 92	0.5587	0.951	-0.2950	W 99	0.4307	1.166	-0.7226
0.5250	W 78	0.5650	0.941	-0.2739	W 93	0.5789	0.919	-0.2276	W100	0.5160	1.020	-0.4380
0.5500	W 79	0.5839	0.911	-0.2109	W 94	0.5949	0.894	-0.1743	W101	0.5441	0.975	-0.3444
0.5750	W 80	0.5984	0.889	-0.1626		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6000	W 81	0.6090	0.872	-0.1273	W 95	0.6112	0.869	-0.1200	W102	0.5742	0.927	-0.2439
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6500	W 82	0.6200	0.855	-0.0905		0.0000	0.000	0.0000	W103	0.5884	0.904	-0.1964
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.6271	0.844	-0.0667		0.0000	0.000	0.0000	W104	0.5972	0.891	-0.1672
0.8000	W 84	0.6441	0.818	-0.0103		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.6663	0.784	0.0638		0.0000	0.000	0.0000	W105	0.6067	0.876	-0.1354
2Y/B=.900												
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.4000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.4250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.4500		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.4750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.5000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.5250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.5500		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.5750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6500		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-III. - WING PRESSURE DATA; ALPHA = 2 DEG - Continued

WING PRESSURE DATA  
(N) RUN= 127-1 ALPHA= 2 DEG MINF= 0.831 REC= 1.96E+06  
PT= 1.16 ATM= 17.1 PSIA TT= 260. DEG K= 467. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9510	0.269	1.0248		0.0000	0.000	0.0000		
0.0125	W 2	0.6699	0.779	0.1102	W 27	0.6782	0.766	0.1360		0.0000	0.000	0.0000		
0.0250	W 3	0.5519	0.962	-0.2740	W 28	0.5502	0.965	-0.2811		0.0000	0.000	0.0000		
0.0500	W 4	0.4490	1.134	-0.6088	W 29	0.4522	1.128	-0.5970		0.0000	0.000	0.0000		
0.1000	W 5	0.4111	1.202	-0.7323	W 30	0.4022	1.219	-0.7596		0.0000	0.000	0.0000		
0.1500	W 6	0.3923	1.238	-0.7934	W 31	0.3744	1.273	-0.8500		0.0000	0.000	0.0000		
0.2000	W 7	0.3895	1.243	-0.8026	W 32	0.3614	1.299	-0.8924		0.0000	0.000	0.0000		
0.2500	W 8	0.3874	1.247	-0.8093	W 33	0.3499	1.323	-0.9298		0.0000	0.000	0.0000		
0.3000	W 9	0.3850	1.252	-0.8172	W 34	0.3438	1.335	-0.9495		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.3784	1.265	-0.8384	W 35	0.3393	1.345	-0.9642	W 51	0.3099	1.410	-1.0597		
0.3750		0.0000	0.000	0.0000	W 36	0.3370	1.350	-0.9715	W 52	0.3050	1.421	-1.0759		
0.4000	W 11	0.3746	1.273	-0.8510	W 37	0.3377	1.349	-0.9695	W 53	0.3064	1.418	-1.0712		
0.4250	W 12	0.3740	1.274	-0.8530	W 38	0.3363	1.351	-0.9739	W 54	0.3184	1.391	-1.0320		
0.4500	W 13	0.3748	1.272	-0.8505	W 39	0.3352	1.354	-0.9776	W 55	0.3269	1.372	-1.0045		
0.4750	W 14	0.3746	1.272	-0.8509	W 40	0.3362	1.352	-0.9743	W 56	0.3436	1.336	-0.9503		
0.5000	W 15	0.3778	1.266	-0.8405	W 41	0.3385	1.347	-0.9669	W 57	0.4255	1.176	-0.6039		
0.5250	W 16	0.3743	1.273	-0.8518	W 42	0.3417	1.340	-0.9562	W 58	0.4723	1.093	-0.5316		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3473	1.328	-0.9381	W 59	0.4854	1.071	-0.4889		
0.5750	W 18	0.3751	1.272	-0.8495	W 44	0.3556	1.311	-0.9110		0.0000	0.000	0.0000		
0.6000	W 19	0.3813	1.259	-0.8292	W 45	0.3788	1.264	-0.8357	W 60	0.5262	1.003	-0.3562		
0.6250	W 20	0.3860	1.250	-0.8137	W 46	0.4483	1.135	-0.6098		0.0000	0.000	0.0000		
0.6500	W 21	0.4089	1.207	-0.7394	W 47	0.5201	1.013	-0.3761		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.4847	1.072	-0.4925	W 48	0.5854	0.909	-0.1638		0.0000	0.000	0.0000		
0.8000	W 24	0.5877	0.906	-0.1573	W 49	0.6268	0.845	-0.0289		0.0000	0.000	0.0000		
0.9000	W 25	0.6284	0.843	-0.0250	W 50	0.6542	0.803	0.0601		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9433	0.290	0.9996		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6797	0.764	0.1409		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.5784	0.920	-0.1893		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4569	1.120	-0.5816		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4065	1.211	-0.7485		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3697	1.282	-0.8682		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3494	1.324	-0.9343		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3322	1.360	-0.9903		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3000	W 69	0.3190	1.389	-1.0334		0.0000	0.000	0.0000	W 96	0.3174	1.393	-1.0386		
0.3250	W 70	0.3123	1.404	-1.0552		0.0000	0.000	0.0000	W 97	0.3228	1.381	-1.0211		
0.3500	W 71	0.3048	1.422	-1.0797	W 86	0.3096	1.410	-1.0639	W 98	0.3273	1.371	-1.0048		
0.3750	W 72	0.3049	1.421	-1.0794	W 87	0.3190	1.389	-1.0333	W 99	0.3337	1.357	-0.9840		
0.4000	W 73	0.3128	1.403	-1.0535	W 88	0.3222	1.382	-1.0230	W100	0.3403	1.343	-0.9626		
0.4250	W 74	0.3174	1.393	-1.0385	W 89	0.3187	1.390	-1.0344	W101	0.3449	1.333	-0.9475		
0.4500	W 75	0.3160	1.396	-1.0430	W 90	0.3164	1.395	-1.0418		0.0000	0.000	0.0000		
0.4750	W 76	0.3471	1.328	-0.9417	W 91	0.3634	1.295	-0.8889	W102	0.3932	1.236	-0.7905		
0.5000	W 77	0.4211	1.184	-0.7009	W 92	0.4292	1.169	-0.6746		0.0000	0.000	0.0000		
0.5250	W 78	0.4703	1.097	-0.5405	W 93	0.4766	1.086	-0.5202	W103	0.5310	0.996	-0.3420		
0.5500	W 79	0.4985	1.049	-0.4488	W 94	0.5138	1.024	-0.3990		0.0000	0.000	0.0000		
0.5750	W 80	0.5238	1.007	-0.3664		0.0000	0.000	0.0000	W104	0.5888	0.904	-0.1537		
0.6000	W 81	0.5490	0.967	-0.2843	W 95	0.5669	0.938	-0.2261		0.0000	0.000	0.0000		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W105	0.6043	0.880	-0.1034		
0.6500	W 82	0.5891	0.903	-0.1538		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6155	0.862	-0.0677		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6385	0.827	0.0073		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6570	0.799	0.0673		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

WING PRESSURE DATA  
 (O) RUN= 126 ALPHA= 2 DEG MINF= 0.827 REC= 4.00E+06  
 PT= 2.33 ATM= 34.3 PSIA TT= 256. DEG K= 460. DEG R

2Y/B= .250					2Y/B= .500					2Y/B= .750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9509	0.269	1.0222		0.0000	0.000	0.0000		
0.0125	W 2	0.6733	0.773	0.1135	W 27	0.6852	0.755	0.1530		0.0000	0.000	0.0000		
0.0250	W 3	0.5597	0.950	-0.2584	W 28	0.5624	0.945	-0.2486		0.0000	0.000	0.0000		
0.0500	W 4	0.4553	1.123	-0.6001	W 29	0.4677	1.101	-0.5557		0.0000	0.000	0.0000		
0.1000	W 5	0.4188	1.188	-0.7196	W 30	0.4159	1.193	-0.7249		0.0000	0.000	0.0000		
0.1500	W 6	0.3999	1.223	-0.7815	W 31	0.3862	1.250	-0.8218		0.0000	0.000	0.0000		
0.2000	W 7	0.4011	1.221	-0.7775	W 32	0.3734	1.275	-0.8637		0.0000	0.000	0.0000		
0.2500	W 8	0.3973	1.228	-0.7897	W 33	0.3606	1.301	-0.9057		0.0000	0.000	0.0000		
0.3000	W 9	0.3965	1.230	-0.7924	W 34	0.3571	1.308	-0.9171		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.3897	1.243	-0.8147	W 35	0.3530	1.316	-0.9305	W 51	0.3206	1.386	-1.0362		
0.3750		0.0000	0.000	0.0000	W 36	0.3474	1.328	-0.9487	W 52	0.3147	1.399	-1.0556		
0.4000	W 11	0.3811	1.260	-0.8429	W 37	0.3489	1.325	-0.9439	W 53	0.3101	1.409	-1.0707		
0.4250	W 12	0.3828	1.256	-0.8372	W 38	0.3457	1.331	-0.9542	W 54	0.4144	1.196	-0.7298		
0.4500	W 13	0.3841	1.254	-0.8329	W 39	0.3480	1.327	-0.9468	W 55	0.4619	1.111	-0.5748		
0.4750	W 14	0.3828	1.256	-0.8373	W 40	0.3483	1.326	-0.9457	W 56	0.4712	1.095	-0.5442		
0.5000	W 15	0.3855	1.251	-0.8285	W 41	0.3489	1.325	-0.9438	W 57	0.4806	1.079	-0.5134		
0.5250	W 16	0.3828	1.256	-0.8375	W 42	0.3468	1.329	-0.9507	W 58	0.4885	1.066	-0.4877		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3474	1.328	-0.9486	W 59	0.4980	1.050	-0.4569		
0.5750	W 18	0.3796	1.263	-0.8479	W 44	0.4388	1.152	-0.6502		0.0000	0.000	0.0000		
0.6000	W 19	0.3844	1.253	-0.8320	W 45	0.5094	1.031	-0.4194	W 60	0.5246	1.006	-0.3697		
0.6250	W 20	0.4064	1.211	-0.7600	W 46	0.5324	0.993	-0.3442		0.0000	0.000	0.0000		
0.6500	W 21	0.4680	1.101	-0.5586	W 47	0.5495	0.966	-0.2885		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5412	0.979	-0.3190	W 48	0.5803	0.917	-0.1880		0.0000	0.000	0.0000		
0.8000	W 24	0.5956	0.893	-0.1408	W 49	0.6242	0.849	-0.0443		0.0000	0.000	0.0000		
0.9000	W 25	0.6336	0.834	-0.0165	W 50	0.6545	0.802	0.0547		0.0000	0.000	0.0000		

2Y/B= .775					2Y/B= .800					2Y/B= .900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9424	0.292	0.9947		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6818	0.760	0.1421		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.5852	0.909	-0.1740		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4737	1.091	-0.5363		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4176	1.190	-0.7238		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3766	1.268	-0.8579		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3595	1.303	-0.9139		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3436	1.336	-0.9659		0.0000	0.000	0.0000	W 96	0.3290	1.367	-1.0137		
0.3000	W 69	0.3282	1.369	-1.0164		0.0000	0.000	0.0000	W 97	0.3374	1.349	-0.9862		
0.3250	W 70	0.3243	1.378	-1.0292		0.0000	0.000	0.0000	W 98	0.3387	1.346	-0.9818		
0.3500	W 71	0.3149	1.398	-1.0599	W 86	0.3095	1.411	-1.0774	W 99	0.3401	1.343	-0.9770		
0.3750	W 72	0.3074	1.416	-1.0845	W 87	0.3044	1.423	-1.0944	W100	0.3409	1.342	-0.9746		
0.4000	W 73	0.3296	1.366	-1.0118	W 88	0.3350	1.354	-0.9942	W101	0.3700	1.282	-0.8792		
0.4250	W 74	0.4342	1.160	-0.6695	W 89	0.4447	1.141	-0.6351		0.0000	0.000	0.0000		
0.4500	W 75	0.4670	1.102	-0.5619	W 90	0.4734	1.091	-0.5410	W102	0.5165	1.019	-0.3998		
0.4750	W 76	0.4780	1.083	-0.5259	W 91	0.4836	1.074	-0.5075		0.0000	0.000	0.0000		
0.5000	W 77	0.4862	1.070	-0.4990	W 92	0.4910	1.062	-0.4836	W103	0.5542	0.958	-0.2763		
0.5250	W 78	0.4951	1.055	-0.4701	W 93	0.5005	1.046	-0.4522		0.0000	0.000	0.0000		
0.5500	W 79	0.5061	1.036	-0.4340	W 94	0.5135	1.024	-0.4099	W104	0.5755	0.925	-0.2067		
0.5750	W 80	0.5191	1.015	-0.3914		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5339	0.991	-0.3429	W 95	0.5466	0.970	-0.3013	W105	0.5895	0.903	-0.1608		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5674	0.937	-0.2335		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.5969	0.891	-0.1367		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6356	0.831	-0.0102		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6586	0.796	0.0650		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

## WING PRESSURE DATA

(P) RUN= 125 ALPHA= 2 DEG MINF= 0.826 REC= 5.93E+06  
PT= 3.45 ATM= 50.8 PSIA TT= 256. DEG K= 460. DEG R

X/C	2Y/B=.250				2Y/B=.500				2Y/B=.750			
	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9503	0.271	1.0193		0.0000	0.000	0.0000
0.0125	W 2	0.6704	0.778	0.1021	W 27	0.6874	0.752	0.1578		0.0000	0.000	0.0000
0.0250	W 3	0.5601	0.949	-0.2592	W 28	0.5664	0.939	-0.2390		0.0000	0.000	0.0000
0.0500	W 4	0.4581	1.118	-0.5934	W 29	0.4642	1.107	-0.5735		0.0000	0.000	0.0000
0.1000	W 5	0.4219	1.182	-0.7120	W 30	0.4166	1.192	-0.7295		0.0000	0.000	0.0000
0.1500	W 6	0.4021	1.219	-0.7769	W 31	0.3866	1.249	-0.8277		0.0000	0.000	0.0000
0.2000	W 7	0.4019	1.220	-0.7776	W 32	0.3727	1.276	-0.8733		0.0000	0.000	0.0000
0.2500	W 8	0.4007	1.222	-0.7816	W 33	0.3594	1.303	-0.9170		0.0000	0.000	0.0000
0.3000	W 9	0.3985	1.226	-0.7888	W 34	0.3528	1.317	-0.9386		0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 10	0.3900	1.242	-0.8165	W 35	0.3499	1.323	-0.9482	W 51	0.3190	1.389	-1.0493
0.3750		0.0000	0.000	0.0000	W 36	0.3453	1.332	-0.9631	W 52	0.3133	1.402	-1.0680
0.4000	W 11	0.3819	1.258	-0.8431	W 37	0.3466	1.330	-0.9590	W 53	0.3221	1.382	-1.0392
0.4250	W 12	0.3824	1.257	-0.8414	W 38	0.3428	1.338	-0.9713	W 54	0.4366	1.156	-0.6638
0.4500	W 13	0.3844	1.253	-0.8350	W 39	0.3461	1.331	-0.9606	W 55	0.4622	1.111	-0.5802
0.4750	W 14	0.3851	1.252	-0.8328	W 40	0.3464	1.330	-0.9594	W 56	0.4744	1.090	-0.5401
0.5000	W 15	0.3859	1.250	-0.8300	W 41	0.3468	1.329	-0.9582	W 57	0.4829	1.073	-0.5123
0.5250	W 16	0.3844	1.253	-0.8350	W 42	0.3452	1.332	-0.9633	W 58	0.4924	1.059	-0.4810
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3818	1.258	-0.8436	W 59	0.5029	1.042	-0.4468
0.5750	W 18	0.3800	1.260	-0.8469	W 44	0.4780	1.083	-0.5282		0.0000	0.000	0.0000
0.6000	W 19	0.3844	1.253	-0.8352	W 45	0.5104	1.029	-0.4222	W 60	0.5293	0.998	-0.3601
0.6250	W 20	0.3930	1.237	-0.8069	W 46	0.5278	1.001	-0.3652		0.0000	0.000	0.0000
0.6500	W 21	0.4552	1.123	-0.6030	W 47	0.5432	0.976	-0.3146		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.5426	0.977	-0.3165	W 48	0.5743	0.927	-0.2127		0.0000	0.000	0.0000
0.8000	W 24	0.5964	0.892	-0.1404	W 49	0.6245	0.849	-0.0483		0.0000	0.000	0.0000
0.9000	W 25	0.6352	0.832	-0.0132	W 50	0.6570	0.798	0.0584		0.0000	0.000	0.0000

X/C	2Y/B=.775				2Y/B=.800				2Y/B=.900			
	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9391	0.301	0.9825		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.6759	0.769	0.1200		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.5855	0.909	-0.1763		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.4704	1.097	-0.5533		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.4181	1.189	-0.7243		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.3752	1.271	-0.8650		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.3590	1.304	-0.9181		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.3426	1.338	-0.9718		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3000	W 69	0.3269	1.372	-1.0232		0.0000	0.000	0.0000	W 96	0.3285	1.368	-1.0180
0.3250	W 70	0.3223	1.382	-1.0384		0.0000	0.000	0.0000	W 97	0.3368	1.350	-0.9908
0.3500	W 71	0.3132	1.402	-1.0682	W 86	0.3073	1.416	-1.0874	W 98	0.3366	1.351	-0.9918
0.3750	W 72	0.3067	1.417	-1.0894	W 87	0.3038	1.424	-1.0990	W 99	0.3390	1.346	-0.9837
0.4000	W 73	0.3499	1.323	-0.9480	W 88	0.3810	1.260	-0.8460	W100	0.3433	1.337	-0.9699
0.4250	W 74	0.4498	1.132	-0.6207	W 89	0.4610	1.113	-0.5839	W101	0.4367	1.156	-0.6636
0.4500	W 75	0.4709	1.096	-0.5515	W 90	0.4768	1.085	-0.5320		0.0000	0.000	0.0000
0.4750	W 76	0.4810	1.078	-0.5185	W 91	0.4853	1.071	-0.5041	W102	0.5182	1.016	-0.3966
0.5000	W 77	0.4899	1.063	-0.4893	W 92	0.4936	1.057	-0.4771		0.0000	0.000	0.0000
0.5250	W 78	0.4988	1.048	-0.4600	W 93	0.5028	1.042	-0.4469	W103	0.5493	0.966	-0.2947
0.5500	W 79	0.5083	1.033	-0.4290	W 94	0.5154	1.021	-0.4055		0.0000	0.000	0.0000
0.5750	W 80	0.5208	1.012	-0.3878		0.0000	0.000	0.0000	W104	0.5746	0.926	-0.2118
0.6000	W 81	0.5349	0.989	-0.3418	W 95	0.5452	0.973	-0.3080		0.0000	0.000	0.0000
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W105	0.5922	0.899	-0.1540
0.6500	W 82	0.5674	0.937	-0.2352		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.5962	0.892	-0.1407		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.6361	0.831	-0.0103		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.6599	0.794	0.0677		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-III. - WING PRESSURE DATA; ALPHA = 2 DEG - Continued

WING PRESSURE DATA  
(Q) RUN= 124 ALPHA= 2 DEG MINF= 0.826 REC= 8.07E+06  
PT= 4.64 ATM= 68.2 PSIA TT= 253. DEG K= 456. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9523	0.265	1.0258		0.0000	0.000	0.0000		
0.0125	W 2	0.6733	0.774	0.1120	W 27	0.6833	0.758	0.1438		0.0000	0.000	0.0000		
0.0250	W 3	0.5576	0.953	-0.2670	W 28	0.5633	0.944	-0.2497		0.0000	0.000	0.0000		
0.0500	W 4	0.4563	1.121	-0.5987	W 29	0.4684	1.100	-0.5596		0.0000	0.000	0.0000		
0.1000	W 5	0.4238	1.179	-0.7053	W 30	0.4179	1.190	-0.7250		0.0000	0.000	0.0000		
0.1500	W 6	0.4011	1.221	-0.7795	W 31	0.3880	1.246	-0.8230		0.0000	0.000	0.0000		
0.2000	W 7	0.4060	1.212	-0.7636	W 32	0.3737	1.274	-0.8699		0.0000	0.000	0.0000		
0.2500	W 8	0.3984	1.226	-0.7885	W 33	0.3608	1.300	-0.9121		0.0000	0.000	0.0000		
0.3000	W 9	0.3963	1.230	-0.7953	W 34	0.3542	1.314	-0.9336		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.3873	1.248	-0.8249	W 35	0.3511	1.320	-0.9438	W 51	0.3193	1.389	-1.0479		
0.3750		0.0000	0.000	0.0000	W 36	0.3464	1.330	-0.9592	W 52	0.3135	1.402	-1.0669		
0.4000	W 11	0.3789	1.264	-0.8522	W 37	0.3480	1.327	-0.9540	W 53	0.3109	1.408	-1.0755		
0.4250	W 12	0.3796	1.263	-0.8500	W 38	0.3422	1.339	-0.9730	W 54	0.4299	1.168	-0.6856		
0.4500	W 13	0.3816	1.259	-0.8433	W 39	0.3459	1.331	-0.9608	W 55	0.4661	1.104	-0.5671		
0.4750	W 14	0.3832	1.256	-0.8384	W 40	0.3466	1.330	-0.9586	W 56	0.4776	1.084	-0.5293		
0.5000	W 15	0.3823	1.257	-0.8412	W 41	0.3474	1.328	-0.9558	W 57	0.4852	1.071	-0.5045		
0.5250	W 16	0.3812	1.260	-0.8450	W 42	0.3458	1.331	-0.9613	W 58	0.4933	1.058	-0.4777		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3556	1.311	-0.9291	W 59	0.5023	1.043	-0.4482		
0.5750	W 18	0.3769	1.268	-0.8589	W 44	0.4639	1.108	-0.5741		0.0000	0.000	0.0000		
0.6000	W 19	0.3800	1.262	-0.8486	W 45	0.5069	1.035	-0.4332	W 60	0.5275	1.001	-0.3658		
0.6250	W 20	0.3813	1.259	-0.8444	W 46	0.5270	1.002	-0.3675		0.0000	0.000	0.0000		
0.6500	W 21	0.4182	1.189	-0.7235	W 47	0.5435	0.976	-0.3135		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000	W 48	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5394	0.982	-0.3267	W 49	0.5755	0.925	-0.2086		0.0000	0.000	0.0000		
0.8000	W 24	0.5995	0.887	-0.1295	W 50	0.6265	0.845	-0.0413		0.0000	0.000	0.0000		
0.9000	W 25	0.6403	0.824	0.0041		0.6576	0.798	0.0605		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9450	0.285	1.0020		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6865	0.753	0.1545		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6022	0.883	-0.1220		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4675	1.102	-0.5625		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4173	1.191	-0.7280		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3733	1.275	-0.8723		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3586	1.305	-0.9203		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3426	1.338	-0.9727		0.0000	0.000	0.0000	W 96	0.3261	1.374	-1.0270		
0.3000	W 69	0.3282	1.369	-1.0201		0.0000	0.000	0.0000	W 97	0.3354	1.353	-0.9965		
0.3250	W 70	0.3232	1.380	-1.0364		0.0000	0.000	0.0000	W 98	0.3370	1.350	-0.9896		
0.3500	W 71	0.3143	1.400	-1.0655	W 86	0.3094	1.411	-1.0818	W 99	0.3389	1.346	-0.9835		
0.3750	W 72	0.3088	1.412	-1.0836	W 87	0.3034	1.425	-1.1012	W100	0.3401	1.343	-0.9793		
0.4000	W 73	0.3164	1.395	-1.0588	W 88	0.3796	1.263	-0.8516	W101	0.4086	1.207	-0.7551		
0.4250	W 74	0.4420	1.146	-0.6466	W 89	0.4555	1.122	-0.6028		0.0000	0.000	0.0000		
0.4500	W 75	0.4703	1.097	-0.5543	W 90	0.4739	1.090	-0.5423	W102	0.5162	1.020	-0.4025		
0.4750	W 76	0.4809	1.079	-0.5195	W 91	0.4835	1.074	-0.5108		0.0000	0.000	0.0000		
0.5000	W 77	0.4890	1.065	-0.4929	W 92	0.4922	1.059	-0.4823	W103	0.5504	0.964	-0.2905		
0.5250	W 78	0.4978	1.050	-0.4642	W 93	0.5032	1.041	-0.4462		0.0000	0.000	0.0000		
0.5500	W 79	0.5085	1.032	-0.4289	W 94	0.5168	1.019	-0.4017	W104	0.5755	0.925	-0.2082		
0.5750	W 80	0.5222	1.010	-0.3842		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5375	0.985	-0.3338	W 95	0.5497	0.966	-0.2941	W105	0.5915	0.900	-0.1560		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5722	0.930	-0.2202		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6028	0.882	-0.1199		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6402	0.824	0.0026		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6626	0.790	0.0763		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

WING PRESSURE DATA  
(R) RUN= 127-2 ALPHA= 2 DEG MINF= 0.841 REC= 1.96E+06  
PT= 1.14 ATM= 16.7 PSIA TT= 257. DEG K= 462. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9485	0.276	1.0239		0.0000	0.000	0.0000		
0.0125	W 2	0.6686	0.781	0.1268	W 27	0.6828	0.759	0.1707		0.0000	0.000	0.0000		
0.0250	W 3	0.5501	0.965	-0.2533	W 28	0.5539	0.959	-0.2431		0.0000	0.000	0.0000		
0.0500	W 4	0.4470	1.137	-0.5838	W 29	0.4568	1.120	-0.5526		0.0000	0.000	0.0000		
0.1000	W 5	0.4085	1.207	-0.7076	W 30	0.4054	1.213	-0.7173		0.0000	0.000	0.0000		
0.1500	W 6	0.3885	1.245	-0.7715	W 31	0.3753	1.271	-0.8140		0.0000	0.000	0.0000		
0.2000	W 7	0.3855	1.251	-0.7813	W 32	0.3623	1.297	-0.8556		0.0000	0.000	0.0000		
0.2500	W 8	0.3832	1.256	-0.7885	W 33	0.3493	1.324	-0.8974		0.0000	0.000	0.0000		
0.3000	W 9	0.3802	1.261	-0.7980	W 34	0.3433	1.337	-0.9165		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.3728	1.276	-0.8218	W 35	0.3373	1.349	-0.9357	W 51	0.3073	1.416	-1.0319		
0.3750		0.0000	0.000	0.0000	W 36	0.3336	1.357	-0.9476	W 52	0.3005	1.432	-1.0538		
0.4000	W 11	0.3689	1.284	-0.8345	W 37	0.3343	1.356	-0.9455	W 53	0.2952	1.444	-1.0707		
0.4250	W 12	0.3687	1.284	-0.8350	W 38	0.3325	1.360	-0.9511	W 54	0.2930	1.449	-1.0780		
0.4500	W 13	0.3686	1.284	-0.8353	W 39	0.3317	1.361	-0.9536	W 55	0.2946	1.446	-1.0728		
0.4750	W 14	0.3690	1.284	-0.8341	W 40	0.3317	1.361	-0.9537	W 56	0.3037	1.424	-1.0434		
0.5000	W 15	0.3722	1.277	-0.8239	W 41	0.3319	1.361	-0.9531	W 57	0.3151	1.398	-1.0068		
0.5250	W 16	0.3666	1.289	-0.8419	W 42	0.3317	1.361	-0.9539	W 58	0.3394	1.345	-0.9291		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3309	1.363	-0.9564	W 59	0.4079	1.208	-0.7094		
0.5750	W 18	0.3670	1.288	-0.8405	W 44	0.3309	1.363	-0.9564		0.0000	0.000	0.0000		
0.6000	W 19	0.3708	1.280	-0.8285	W 45	0.3321	1.360	-0.9524	W 60	0.4727	1.093	-0.5016		
0.6250	W 20	0.3707	1.280	-0.8286	W 46	0.3378	1.348	-0.9341		0.0000	0.000	0.0000		
0.6500	W 21	0.3783	1.265	-0.8042	W 47	0.3477	1.327	-0.9023		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.4218	1.183	-0.6648	W 48	0.4541	1.125	-0.5613		0.0000	0.000	0.0000		
0.8000	W 24	0.5104	1.029	-0.3807	W 49	0.5857	0.909	-0.1391		0.0000	0.000	0.0000		
0.9000	W 25	0.5988	0.888	-0.0970	W 50	0.6393	0.826	0.0328		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9399	0.299	0.9964		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6797	0.764	0.1607		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.5800	0.918	-0.1596		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4585	1.117	-0.5472		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4066	1.211	-0.7154		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3689	1.284	-0.8361		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3475	1.328	-0.9049		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3302	1.365	-0.9606		0.0000	0.000	0.0000	W 96	0.3123	1.404	-1.0180		
0.3000	W 69	0.3165	1.395	-1.0044		0.0000	0.000	0.0000	W 97	0.3147	1.399	-1.0103		
0.3250	W 70	0.3098	1.410	-1.0261		0.0000	0.000	0.0000	W 98	0.3149	1.399	-1.0077		
0.3500	W 71	0.3017	1.429	-1.0518	W 86	0.2981	1.437	-1.0635	W 99	0.3159	1.396	-1.0043		
0.3750	W 72	0.2955	1.443	-1.0720	W 87	0.2908	1.455	-1.0869	W 100	0.3157	1.397	-1.0049		
0.4000	W 73	0.2885	1.460	-1.0944	W 88	0.2918	1.452	-1.0839	W 101	0.3183	1.391	-0.9968		
0.4250	W 74	0.2904	1.456	-1.0882	W 89	0.3025	1.427	-1.0495		0.0000	0.000	0.0000		
0.4500	W 75	0.3001	1.432	-1.0570	W 90	0.3095	1.411	-1.0268	W 102	0.3266	1.373	-0.9702		
0.4750	W 76	0.3070	1.416	-1.0348	W 91	0.3107	1.408	-1.0230		0.0000	0.000	0.0000		
0.5000	W 77	0.3087	1.413	-1.0295	W 92	0.3080	1.414	-1.0318	W 103	0.3428	1.338	-0.9180		
0.5250	W 78	0.3322	1.360	-0.9541	W 93	0.3289	1.367	-0.9647		0.0000	0.000	0.0000		
0.5500	W 79	0.4035	1.217	-0.7251	W 94	0.3932	1.236	-0.7584	W 104	0.4712	1.095	-0.5062		
0.5750	W 80	0.4552	1.123	-0.5592		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.4770	1.085	-0.4894	W 95	0.4830	1.075	-0.4699	W 105	0.5495	0.966	-0.2553		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5067	1.035	-0.3941		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.5510	0.963	-0.2518		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6183	0.858	-0.0358		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6498	0.810	0.0655		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

WING PRESSURE DATA  
 (S) RUN= 123 ALPHA= 2 DEG MINF= 0.835 REC= 3.98E+06  
 PT= 2.29 ATM= 33.7 PSIA TT= 254. DEG K= 458. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9512	0.268	1.0288		0.0000	0.000	0.0000		
0.0125	W 2	0.6755	0.770	0.1369	W 27	0.6905	0.747	0.1855		0.0000	0.000	0.0000		
0.0250	W 3	0.5632	0.944	-0.2261	W 28	0.5686	0.936	-0.2088		0.0000	0.000	0.0000		
0.0500	W 4	0.4575	1.119	-0.5684	W 29	0.4632	1.109	-0.5498		0.0000	0.000	0.0000		
0.1000	W 5	0.4197	1.186	-0.6905	W 30	0.4128	1.199	-0.7128		0.0000	0.000	0.0000		
0.1500	W 6	0.3988	1.226	-0.7582	W 31	0.3833	1.255	-0.8082		0.0000	0.000	0.0000		
0.2000	W 7	0.3973	1.228	-0.7630	W 32	0.3698	1.282	-0.8519		0.0000	0.000	0.0000		
0.2500	W 8	0.3945	1.234	-0.7719	W 33	0.3549	1.312	-0.9000		0.0000	0.000	0.0000		
0.3000	W 9	0.3922	1.238	-0.7794	W 34	0.3522	1.318	-0.9085		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.3859	1.250	-0.7999	W 35	0.3476	1.328	-0.9237	W 51	0.3164	1.395	-1.0246		
0.3750		0.0000	0.000	0.0000	W 36	0.3414	1.341	-0.9438	W 52	0.3112	1.407	-1.0412		
0.4000	W 11	0.3774	1.267	-0.8274	W 37	0.3423	1.339	-0.9407	W 53	0.3435	1.336	-0.9368		
0.4250	W 12	0.3780	1.266	-0.8253	W 38	0.3404	1.343	-0.9469	W 54	0.4469	1.137	-0.6024		
0.4500	W 13	0.3785	1.265	-0.8237	W 39	0.3426	1.338	-0.9399	W 55	0.4715	1.095	-0.5227		
0.4750	W 14	0.3763	1.269	-0.8310	W 40	0.3426	1.338	-0.9397	W 56	0.4820	1.077	-0.4889		
0.5000	W 15	0.3785	1.265	-0.8238	W 41	0.3411	1.341	-0.9445	W 57	0.4870	1.068	-0.4728		
0.5250	W 16	0.3775	1.267	-0.8269	W 42	0.3393	1.345	-0.9505	W 58	0.4918	1.060	-0.4570		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3400	1.344	-0.9483	W 59	0.4952	1.054	-0.4461		
0.5750	W 18	0.3730	1.276	-0.8415	W 44	0.3429	1.337	-0.9387		0.0000	0.000	0.0000		
0.6000	W 19	0.3748	1.272	-0.8356	W 45	0.4142	1.197	-0.7082	W 60	0.5052	1.038	-0.4137		
0.6250	W 20	0.3734	1.275	-0.8402	W 46	0.4908	1.062	-0.4604		0.0000	0.000	0.0000		
0.6500	W 21	0.3728	1.276	-0.8423	W 47	0.5148	1.022	-0.3827		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.3836	1.255	-0.8074	W 48	0.5387	0.983	-0.3055		0.0000	0.000	0.0000		
0.8000	W 24	0.5650	0.941	-0.2206	W 49	0.5823	0.914	-0.1645		0.0000	0.000	0.0000		
0.9000	W 25	0.6210	0.854	-0.0392	W 50	0.6235	0.850	-0.0311		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9428	0.291	1.0017		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6925	0.744	0.1921		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.5927	0.898	-0.1308		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4681	1.100	-0.5338		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4126	1.200	-0.7132		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3708	1.280	-0.8486		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3548	1.313	-0.9004		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3370	1.350	-0.9578		0.0000	0.000	0.0000	W 96	0.3196	1.388	-1.0140		
0.3000	W 69	0.3228	1.381	-1.0039		0.0000	0.000	0.0000	W 97	0.3260	1.374	-0.9936		
0.3250	W 70	0.3174	1.393	-1.0214		0.0000	0.000	0.0000	W 98	0.3292	1.367	-0.9834		
0.3500	W 71	0.3092	1.412	-1.0479	W 86	0.3063	1.418	-1.0572	W 99	0.3335	1.357	-0.9694		
0.3750	W 72	0.3241	1.378	-0.9997	W 87	0.3619	1.298	-0.8773	W100	0.3656	1.290	-0.8654		
0.4000	W 73	0.0000	0.000	0.0000	W 88	0.4492	1.133	-0.5948	W101	0.4385	1.152	-0.6295		
0.4250	W 74	0.4644	1.107	-0.5459	W 89	0.4696	1.098	-0.5289		0.0000	0.000	0.0000		
0.4500	W 75	0.4771	1.085	-0.5047	W 90	0.4787	1.082	-0.4995	W102	0.4871	1.068	-0.4724		
0.4750	W 76	0.4834	1.074	-0.4843	W 91	0.4846	1.072	-0.4805		0.0000	0.000	0.0000		
0.5000	W 77	0.4886	1.065	-0.4673	W 92	0.4899	1.063	-0.4633	W103	0.5038	1.040	-0.4184		
0.5250	W 78	0.4934	1.057	-0.4520	W 93	0.4950	1.055	-0.4469		0.0000	0.000	0.0000		
0.5500	W 79	0.4978	1.050	-0.4376	W 94	0.5000	1.046	-0.4305	W104	0.5218	1.011	-0.3603		
0.5750	W 80	0.5036	1.040	-0.4189		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5092	1.031	-0.4009	W 95	0.5111	1.028	-0.3948	W105	0.5421	0.978	-0.2944		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5236	1.008	-0.3543		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.5404	0.980	-0.3000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.5786	0.920	-0.1765		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6140	0.865	-0.0619		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Continued

## WING PRESSURE DATA

(T) RUN= 122 ALPHA= 2 DEG MINF= 0.837 REC= 5.94E+06  
PT= 3.45 ATM= 50.8 PSIA TT= 257. DEG K= 462. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9505	0.270	1.0274			0.0000	0.000	0.0000	
0.0125	W 2	0.6723	0.775	0.1303	W 27	0.6892	0.749	0.1835			0.0000	0.000	0.0000	
0.0250	W 3	0.5607	0.948	-0.2297	W 28	0.5670	0.938	-0.2109			0.0000	0.000	0.0000	
0.0500	W 4	0.4574	1.119	-0.5630	W 29	0.4631	1.109	-0.5466			0.0000	0.000	0.0000	
0.1000	W 5	0.4203	1.185	-0.6826	W 30	0.4136	1.198	-0.7063			0.0000	0.000	0.0000	
0.1500	W 6	0.4001	1.223	-0.7477	W 31	0.3830	1.256	-0.8051			0.0000	0.000	0.0000	
0.2000	W 7	0.4011	1.221	-0.7446	W 32	0.3677	1.286	-0.8545			0.0000	0.000	0.0000	
0.2500	W 8	0.3955	1.232	-0.7626	W 33	0.3553	1.311	-0.8944			0.0000	0.000	0.0000	
0.3000	W 9	0.3924	1.238	-0.7726	W 34	0.3463	1.330	-0.9237			0.0000	0.000	0.0000	
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.3500	W 10	0.3841	1.254	-0.7994	W 35	0.3417	1.340	-0.9384		W 51	0.3168	1.394	-1.0190	
0.3750		0.0000	0.000	0.0000	W 36	0.3382	1.347	-0.9496		W 52	0.3156	1.397	-1.0227	
0.4000	W 11	0.3758	1.270	-0.8260	W 37	0.3409	1.342	-0.9410		W 53	0.3927	1.237	-0.7737	
0.4250	W 12	0.3760	1.270	-0.8254	W 38	0.3355	1.353	-0.9586		W 54	0.4549	1.123	-0.5729	
0.4500	W 13	0.3786	1.265	-0.8171	W 39	0.3389	1.346	-0.9476		W 55	0.4735	1.091	-0.5128	
0.4750	W 14	0.3773	1.267	-0.8212	W 40	0.3395	1.345	-0.9457		W 56	0.4782	1.083	-0.4976	
0.5000	W 15	0.3790	1.264	-0.8157	W 41	0.3408	1.342	-0.9414		W 57	0.4829	1.075	-0.4825	
0.5250	W 16	0.3763	1.269	-0.8245	W 42	0.3390	1.346	-0.9471		W 58	0.4900	1.063	-0.4594	
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3502	1.322	-0.9111		W 59	0.4978	1.050	-0.4342	
0.5750	W 18	0.3717	1.278	-0.8393	W 44	0.4182	1.189	-0.6915			0.0000	0.000	0.0000	
0.6000	W 19	0.3738	1.274	-0.8325	W 45	0.4782	1.083	-0.4975		W 60	0.5088	1.032	-0.3988	
0.6250	W 20	0.3744	1.273	-0.8308	W 46	0.5023	1.043	-0.4197			0.0000	0.000	0.0000	
0.6500	W 21	0.3727	1.276	-0.8360	W 47	0.5161	1.020	-0.3752			0.0000	0.000	0.0000	
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 23	0.4142	1.197	-0.7023	W 48	0.5364	0.987	-0.3096			0.0000	0.000	0.0000	
0.8000	W 24	0.5735	0.928	-0.1883	W 49	0.5809	0.916	-0.1659			0.0000	0.000	0.0000	
0.9000	W 25	0.6270	0.845	-0.0158	W 50	0.6336	0.834	0.0042			0.0000	0.000	0.0000	

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 61	0.9420	0.293	1.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0125	W 62	0.6819	0.760	0.1601		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0250	W 63	0.5910	0.900	-0.1335		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0500	W 64	0.4687	1.099	-0.5285		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1000	W 65	0.4178	1.190	-0.6928		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1500	W 66	0.3747	1.272	-0.8318		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2000	W 67	0.3581	1.306	-0.8855		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2500	W 68	0.3415	1.340	-0.9392		0.0000	0.000	0.0000		W 96	0.3194	1.388	-1.0106	
0.3000	W 69	0.3253	1.375	-0.9914		0.0000	0.000	0.0000		W 97	0.3253	1.375	-0.9914	
0.3250	W 70	0.3212	1.385	-1.0048		0.0000	0.000	0.0000		W 98	0.3336	1.357	-0.9622	
0.3500	W 71	0.3121	1.405	-1.0340	W 86	0.3095	1.411	-1.0424		W 99	0.3667	1.288	-0.8555	
0.3750	W 72	0.3179	1.392	-1.0152	W 87	0.3449	1.333	-0.9281		W100	0.4315	1.165	-0.6464	
0.4000	W 73	0.4205	1.185	-0.6840	W 88	0.4424	1.145	-0.6132		W101	0.4642	1.107	-0.5408	
0.4250	W 74	0.4611	1.113	-0.5529	W 89	0.4673	1.102	-0.5328			0.0000	0.000	0.0000	
0.4500	W 75	0.4737	1.091	-0.5122	W 90	0.4768	1.086	-0.5023		W102	0.4861	1.070	-0.4702	
0.4750	W 76	0.4807	1.079	-0.4895	W 91	0.4829	1.075	-0.4825			0.0000	0.000	0.0000	
0.5000	W 77	0.4862	1.070	-0.4718	W 92	0.4875	1.067	-0.4676		W103	0.5019	1.043	-0.4193	
0.5250	W 78	0.4921	1.060	-0.4528	W 93	0.4928	1.059	-0.4507			0.0000	0.000	0.0000	
0.5500	W 79	0.4967	1.052	-0.4380	W 94	0.4982	1.050	-0.4332		W104	0.5195	1.014	-0.3625	
0.5750	W 80	0.5023	1.043	-0.4198		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6000	W 81	0.5089	1.032	-0.3987	W 95	0.5117	1.027	-0.3894		W105	0.5393	0.982	-0.2985	
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6500	W 82	0.5258	1.004	-0.3440		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 83	0.5435	0.975	-0.2869		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.8000	W 84	0.5832	0.913	-0.1585		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.9000	W 85	0.6185	0.858	-0.0446		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE A-III. — WING PRESSURE DATA; ALPHA = 2 DEG — Concluded

WING PRESSURE DATA  
(U) RUN= 121 ALPHA= 2 DEG MINF= 0.836 REC= 8.03E+06  
PT= 4.62 ATM= 68.0 PSIA TT= 255. DEG K= 45B. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9505	0.270	1.0269		0.0000	0.000	0.0000		
0.0125	W 2	0.6717	0.776	0.1260	W 27	0.6877	0.751	0.1768		0.0000	0.000	0.0000		
0.0250	W 3	0.5615	0.947	-0.2301	W 28	0.5674	0.937	-0.2121		0.0000	0.000	0.0000		
0.0500	W 4	0.4596	1.115	-0.5595	W 29	0.4707	1.096	-0.5234		0.0000	0.000	0.0000		
0.1000	W 5	0.4234	1.180	-0.6764	W 30	0.4186	1.188	-0.6916		0.0000	0.000	0.0000		
0.1500	W 6	0.4006	1.222	-0.7500	W 31	0.3885	1.245	-0.7890		0.0000	0.000	0.0000		
0.2000	W 7	0.4021	1.219	-0.7453	W 32	0.3730	1.276	-0.8390		0.0000	0.000	0.0000		
0.2500	W 8	0.3955	1.232	-0.7665	W 33	0.3578	1.306	-0.8883		0.0000	0.000	0.0000		
0.3000	W 9	0.3934	1.236	-0.7733	W 34	0.3522	1.318	-0.9064		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.3844	1.253	-0.8025	W 35	0.3480	1.327	-0.9199	W 51	0.3165	1.395	-1.0217		
0.3750		0.0000	0.000	0.0000	W 36	0.3407	1.342	-0.9434	W 52	0.3106	1.408	-1.0407		
0.4000	W 11	0.3761	1.270	-0.8294	W 37	0.3422	1.339	-0.9387	W 53	0.3294	1.366	-0.9800		
0.4250	W 12	0.3764	1.269	-0.8284	W 38	0.3382	1.347	-0.9516	W 54	0.4349	1.159	-0.6392		
0.4500	W 13	0.3785	1.265	-0.8215	W 39	0.3414	1.341	-0.9412	W 55	0.4647	1.106	-0.5426		
0.4750	W 14	0.3793	1.263	-0.8191	W 40	0.3412	1.341	-0.9419	W 56	0.4775	1.084	-0.5014		
0.5000	W 15	0.3788	1.264	-0.8206	W 41	0.3400	1.344	-0.9458	W 57	0.4844	1.073	-0.4790		
0.5250	W 16	0.3769	1.268	-0.8267	W 42	0.3380	1.348	-0.9523	W 58	0.4901	1.063	-0.4607		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3397	1.344	-0.9467	W 59	0.4950	1.055	-0.4449		
0.5750	W 18	0.3725	1.277	-0.8410	W 44	0.3520	1.318	-0.9070		0.0000	0.000	0.0000		
0.6000	W 19	0.3749	1.272	-0.8332	W 45	0.4563	1.121	-0.5699	W 60	0.5081	1.033	-0.4026		
0.6250	W 20	0.3760	1.270	-0.8298	W 46	0.4992	1.048	-0.4314		0.0000	0.000	0.0000		
0.6500	W 21	0.3746	1.273	-0.8342	W 47	0.5175	1.018	-0.3722		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.4425	1.145	-0.6148	W 48	0.5425	0.977	-0.2913		0.0000	0.000	0.0000		
0.8000	W 24	0.5784	0.920	-0.1754	W 49	0.5939	0.896	-0.1253		0.0000	0.000	0.0000		
0.9000	W 25	0.6309	0.839	-0.0058	W 50	0.6386	0.827	0.0194		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9435	0.289	1.0041		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.6808	0.762	0.1548		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.5899	0.902	-0.1393		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.4699	1.097	-0.5261		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4189	1.188	-0.6908		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.3735	1.275	-0.8377		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.3581	1.306	-0.8873		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.3411	1.341	-0.9423		0.0000	0.000	0.0000	W 96	0.3209	1.385	-1.0077		
0.3000	W 69	0.3254	1.375	-0.9929		0.0000	0.000	0.0000	W 97	0.3275	1.370	-0.9862		
0.3250	W 70	0.3209	1.385	-1.0076		0.0000	0.000	0.0000	W 98	0.3296	1.366	-0.9795		
0.3500	W 71	0.3115	1.406	-1.0379	W 86	0.3047	1.422	-1.0600	W 99	0.3341	1.356	-0.9651		
0.3750	W 72	0.3071	1.416	-1.0522	W 87	0.3146	1.399	-1.0281	W100	0.3726	1.277	-0.8407		
0.4000	W 73	0.3997	1.224	-0.7528	W 88	0.4255	1.176	-0.6697	W101	0.4381	1.153	-0.6289		
0.4250	W 74	0.4494	1.133	-0.5923	W 89	0.4607	1.113	-0.5556		0.0000	0.000	0.0000		
0.4500	W 75	0.4688	1.099	-0.5297	W 90	0.4732	1.092	-0.5154	W102	0.4844	1.073	-0.4792		
0.4750	W 76	0.4776	1.084	-0.5012	W 91	0.4807	1.079	-0.4911		0.0000	0.000	0.0000		
0.5000	W 77	0.4852	1.071	-0.4767	W 92	0.4867	1.069	-0.4719	W103	0.5068	1.035	-0.4070		
0.5250	W 78	0.4904	1.063	-0.4598	W 93	0.4924	1.059	-0.4533		0.0000	0.000	0.0000		
0.5500	W 79	0.4959	1.053	-0.4421	W 94	0.4970	1.051	-0.4385	W104	0.5290	0.999	-0.3353		
0.5750	W 80	0.5028	1.042	-0.4198		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5102	1.030	-0.3959	W 95	0.5134	1.024	-0.3854	W105	0.5521	0.962	-0.2606		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5294	0.998	-0.3339		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.5505	0.964	-0.2656		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.5945	0.895	-0.1233		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6316	0.838	-0.0036		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-IV. — WING PRESSURE DATA; ALPHA = -1 DEG

## WING PRESSURE DATA

(A) RUN= 144 ALPHA=-1 DEG MINF= 0.499 REC= 5.81E+06  
PT= 4.76 ATM= 69.9 PSIA TT= 257. DEG K= 463. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9775	0.181	0.9105			0.0000	0.000	0.0000	
0.0125	W 2	0.8837	0.424	0.2704	W 27	0.8909	0.410	0.3213			0.0000	0.000	0.0000	
0.0250	W 3	0.8424	0.501	-0.0110	W 28	0.8391	0.507	-0.0309			0.0000	0.000	0.0000	
0.0500	W 4	0.8078	0.561	-0.2470	W 29	0.8147	0.549	-0.1971			0.0000	0.000	0.0000	
0.1000	W 5	0.7951	0.582	-0.3332	W 30	0.7981	0.577	-0.3100			0.0000	0.000	0.0000	
0.1500	W 6	0.7931	0.585	-0.3472	W 31	0.7964	0.580	-0.3214			0.0000	0.000	0.0000	
0.2000	W 7	0.7937	0.584	-0.3429	W 32	0.7950	0.582	-0.3308			0.0000	0.000	0.0000	
0.2500	W 8	0.7958	0.581	-0.3284	W 33	0.7965	0.580	-0.3211			0.0000	0.000	0.0000	
0.3000	W 9	0.7974	0.578	-0.3176	W 34	0.7972	0.578	-0.3159			0.0000	0.000	0.0000	
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.3500	W 10	0.7992	0.575	-0.3052	W 35	0.7998	0.574	-0.2986		W 51	0.8019	0.571	-0.2838	
0.3750		0.0000	0.000	0.0000	W 36	0.8019	0.571	-0.2842		W 52	0.8046	0.566	-0.2656	
0.4000	W 11	0.8025	0.570	-0.2828	W 37	0.8045	0.566	-0.2666		W 53	0.8053	0.565	-0.2612	
0.4250	W 12	0.8047	0.566	-0.2677	W 38	0.8041	0.567	-0.2691		W 54	0.8083	0.560	-0.2406	
0.4500	W 13	0.8076	0.561	-0.2479	W 39	0.8078	0.561	-0.2441		W 55	0.8099	0.557	-0.2293	
0.4750	W 14	0.8095	0.558	-0.2348	W 40	0.8105	0.556	-0.2258		W 56	0.8129	0.552	-0.2092	
0.5000	W 15	0.8113	0.555	-0.2230	W 41	0.8126	0.553	-0.2112		W 57	0.8143	0.550	-0.1999	
0.5250	W 16	0.8129	0.552	-0.2121	W 42	0.8137	0.551	-0.2036		W 58	0.8164	0.546	-0.1853	
0.5500	W 17	0.8000	0.000	0.0000	W 43	0.8158	0.547	-0.1898		W 59	0.8182	0.543	-0.1734	
0.5750	W 18	0.8163	0.546	-0.1885	W 44	0.8174	0.545	-0.1786			0.0000	0.000	0.0000	
0.6000	W 19	0.8182	0.543	-0.1755	W 45	0.8195	0.541	-0.1640		W 60	0.8223	0.536	-0.1455	
0.6250	W 20	0.8203	0.540	-0.1618	W 46	0.8216	0.537	-0.1502			0.0000	0.000	0.0000	
0.6500	W 21	0.8216	0.537	-0.1524	W 47	0.8231	0.535	-0.1398			0.0000	0.000	0.0000	
0.6750	W 22	0.8000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 23	0.8249	0.532	-0.1298	W 48	0.8272	0.528	-0.1117			0.0000	0.000	0.0000	
0.8000	W 24	0.8341	0.516	-0.0672	W 49	0.8355	0.513	-0.0553			0.0000	0.000	0.0000	
0.9000	W 25	0.8449	0.497	0.0061	W 50	0.8469	0.493	0.0225			0.0000	0.000	0.0000	

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 61	0.9738	0.195	0.8858		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0125	W 62	0.9040	0.382	0.4110		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0250	W 63	0.8555	0.477	0.0810		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0500	W 64	0.8147	0.549	-0.1972		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1000	W 65	0.7973	0.578	-0.3144		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1500	W 66	0.7923	0.586	-0.3484		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2000	W 67	0.7939	0.584	-0.3373		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2500	W 68	0.7965	0.580	-0.3198		0.0000	0.000	0.0000		W 96	0.7999	0.574	-0.2964	
0.3000	W 69	0.8005	0.573	-0.2926		0.0000	0.000	0.0000		W 97	0.8029	0.569	-0.2763	
0.3250	W 70	0.8006	0.573	-0.2917		0.0000	0.000	0.0000		W 98	0.8038	0.567	-0.2738	
0.3500	W 71	0.8024	0.570	-0.2800	W 86	0.8033	0.568	-0.2738		W 99	0.8063	0.563	-0.2568	
0.3750	W 72	0.8048	0.566	-0.2632	W 87	0.8046	0.566	-0.2649		W100	0.8079	0.561	-0.2461	
0.4000	W 73	0.8068	0.562	-0.2496	W 88	0.8076	0.561	-0.2443		W101	0.8094	0.558	-0.2361	
0.4250	W 74	0.8084	0.560	-0.2392	W 89	0.8080	0.560	-0.2415			0.0000	0.000	0.0000	
0.4500	W 75	0.8102	0.557	-0.2267	W 90	0.8110	0.555	-0.2214		W102	0.8141	0.550	-0.2040	
0.4750	W 76	0.8124	0.553	-0.2118	W 91	0.8138	0.551	-0.2024			0.0000	0.000	0.0000	
0.5000	W 77	0.8152	0.548	-0.1927	W 92	0.8158	0.547	-0.1889		W103	0.8180	0.544	-0.1774	
0.5250	W 78	0.8166	0.546	-0.1830	W 93	0.8171	0.545	-0.1798			0.0000	0.000	0.0000	
0.5500	W 79	0.8175	0.544	-0.1767	W 94	0.8187	0.542	-0.1688		W104	0.8209	0.539	-0.1575	
0.5750	W 80	0.8195	0.541	-0.1636		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6000	W 81	0.8221	0.537	-0.1458	W 95	0.8228	0.535	-0.1410		W105	0.8251	0.531	-0.1288	
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6500	W 82	0.8259	0.530	-0.1202		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 83	0.8297	0.523	-0.0943		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.8000	W 84	0.8377	0.509	-0.0398		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.9000	W 85	0.8473	0.492	0.0257		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE A-IV. - WING PRESSURE DATA; ALPHA = -1 DEG - Continued

WING PRESSURE DATA  
 (B) RUN= 154 ALPHA=-1 DEG MINF= 0.602 REC= 5.98E+06  
 PT= 4.20 ATM= 61.7 PSIA TT= 255. DEG K= 459. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9686	0.214	0.9358			0.0000	0.000	0.0000	
0.0125	W 2	0.8474	0.492	0.3248	W 27	0.8499	0.488	0.3376			0.0000	0.000	0.0000	
0.0250	W 3	0.7753	0.614	-0.0386	W 28	0.7785	0.609	-0.0218			0.0000	0.000	0.0000	
0.0500	W 4	0.7278	0.689	-0.2778	W 29	0.7345	0.679	-0.2435			0.0000	0.000	0.0000	
0.1000	W 5	0.7098	0.717	-0.3683	W 30	0.7114	0.715	-0.3596			0.0000	0.000	0.0000	
0.1500	W 6	0.7069	0.722	-0.3833	W 31	0.7094	0.718	-0.3697			0.0000	0.000	0.0000	
0.2000	W 7	0.7119	0.714	-0.3579	W 32	0.7077	0.720	-0.3781			0.0000	0.000	0.0000	
0.2500	W 8	0.7118	0.714	-0.3582	W 33	0.7087	0.719	-0.3731			0.0000	0.000	0.0000	
0.3000	W 9	0.7151	0.709	-0.3416	W 34	0.7127	0.713	-0.3530			0.0000	0.000	0.0000	
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.3500	W 10	0.7179	0.705	-0.3279	W 35	0.7176	0.705	-0.3286		W 51	0.7206	0.700	-0.3133	
0.3750		0.0000	0.000	0.0000	W 36	0.7186	0.704	-0.3236		W 52	0.7240	0.695	-0.2964	
0.4000	W 11	0.7215	0.699	-0.3093	W 37	0.7233	0.696	-0.2999		W 53	0.7264	0.692	-0.2844	
0.4250	W 12	0.7265	0.691	-0.2843	W 38	0.7242	0.695	-0.2953		W 54	0.7309	0.684	-0.2614	
0.4500	W 13	0.7303	0.685	-0.2651	W 39	0.7296	0.686	-0.2678		W 55	0.7337	0.680	-0.2475	
0.4750	W 14	0.7335	0.680	-0.2490	W 40	0.7332	0.681	-0.2498		W 56	0.7373	0.675	-0.2295	
0.5000	W 15	0.7363	0.676	-0.2349	W 41	0.7364	0.676	-0.2339		W 57	0.7400	0.670	-0.2158	
0.5250	W 16	0.7382	0.673	-0.2256	W 42	0.7389	0.672	-0.2211		W 58	0.7429	0.666	-0.2008	
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.7418	0.667	-0.2064		W 59	0.7463	0.660	-0.1838	
0.5750	W 18	0.7434	0.665	-0.1990	W 44	0.7445	0.663	-0.1930			0.0000	0.000	0.0000	
0.6000	W 19	0.7463	0.660	-0.1846	W 45	0.7477	0.658	-0.1770		W 60	0.7517	0.652	-0.1570	
0.6250	W 20	0.7493	0.656	-0.1693	W 46	0.7506	0.654	-0.1623			0.0000	0.000	0.0000	
0.6500	W 21	0.7512	0.653	-0.1598	W 47	0.7530	0.650	-0.1500			0.0000	0.000	0.0000	
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 23	0.7567	0.644	-0.1324	W 48	0.7595	0.639	-0.1172			0.0000	0.000	0.0000	
0.8000	W 24	0.7653	0.630	-0.0890	W 49	0.7718	0.620	-0.0557			0.0000	0.000	0.0000	
0.9000	W 25	0.7854	0.598	0.0126	W 50	0.7882	0.593	0.0271			0.0000	0.000	0.0000	

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 61	0.9634	0.231	0.9097		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0125	W 62	0.8585	0.472	0.3813		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0250	W 63	0.7912	0.588	0.0424		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.0500	W 64	0.7377	0.674	-0.2273		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1000	W 65	0.7123	0.713	-0.3561		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.1500	W 66	0.7057	0.724	-0.3891		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2000	W 67	0.7081	0.720	-0.3770		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.2500	W 68	0.7120	0.714	-0.3574		0.0000	0.000	0.0000		W 96	0.7184	0.704	-0.3252	
0.3000	W 69	0.7170	0.706	-0.3323		0.0000	0.000	0.0000		W 97	0.7227	0.697	-0.3033	
0.3250	W 70	0.7189	0.703	-0.3227		0.0000	0.000	0.0000		W 98	0.7250	0.694	-0.2916	
0.3500	W 71	0.7206	0.700	-0.3140	W 86	0.7226	0.697	-0.3042		W 99	0.7289	0.688	-0.2724	
0.3750	W 72	0.7243	0.695	-0.2954	W 87	0.7256	0.693	-0.2889		W100	0.7309	0.684	-0.2622	
0.4000	W 73	0.7278	0.689	-0.2779	W 88	0.7296	0.687	-0.2689		W101	0.7336	0.680	-0.2484	
0.4250	W 74	0.7312	0.684	-0.2605	W 89	0.7307	0.685	-0.2632			0.0000	0.000	0.0000	
0.4500	W 75	0.7341	0.679	-0.2461	W 90	0.7352	0.678	-0.2403		W102	0.7406	0.669	-0.2131	
0.4750	W 76	0.7377	0.674	-0.2280	W 91	0.7387	0.672	-0.2231			0.0000	0.000	0.0000	
0.5000	W 77	0.7412	0.668	-0.2101	W 92	0.7422	0.667	-0.2053		W103	0.7469	0.659	-0.1814	
0.5250	W 78	0.7438	0.664	-0.1971	W 93	0.7446	0.663	-0.1929			0.0000	0.000	0.0000	
0.5500	W 79	0.7454	0.662	-0.1892	W 94	0.7464	0.660	-0.1839		W104	0.7506	0.653	-0.1627	
0.5750	W 80	0.7487	0.657	-0.1726		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6000	W 81	0.7523	0.651	-0.1544	W 95	0.7530	0.650	-0.1505		W105	0.7567	0.644	-0.1322	
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6500	W 82	0.7576	0.642	-0.1274		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.7000	W 83	0.7635	0.633	-0.0980		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.8000	W 84	0.7755	0.614	-0.0375		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.9000	W 85	0.7890	0.592	0.0306		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE A-IV. - WING PRESSURE DATA; ALPHA = -1 DEG - Continued

WING PRESSURE DATA  
 (C) RUN= 153 ALPHA=-1 DEG MINF= 0.695 REC= 6.05E+06  
 PT= 3.86 ATM= 56.8 PSIA TT= 255. DEG K= 459. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9605	0.241	0.9653		0.0000	0.000	0.0000		
0.0125	W 2	0.8009	0.572	0.3134	W 27	0.8180	0.544	0.3828		0.0000	0.000	0.0000		
0.0250	W 3	0.7178	0.705	-0.0261	W 28	0.7288	0.688	0.0182		0.0000	0.000	0.0000		
0.0500	W 4	0.6537	0.804	-0.2878	W 29	0.6591	0.795	-0.2678		0.0000	0.000	0.0000		
0.1000	W 5	0.6249	0.848	-0.4054	W 30	0.6242	0.849	-0.4103		0.0000	0.000	0.0000		
0.1500	W 6	0.6194	0.856	-0.4277	W 31	0.6199	0.856	-0.4279		0.0000	0.000	0.0000		
0.2000	W 7	0.6206	0.854	-0.4228	W 32	0.6168	0.860	-0.4407		0.0000	0.000	0.0000		
0.2500	W 8	0.6234	0.850	-0.4116	W 33	0.6180	0.858	-0.4356		0.0000	0.000	0.0000		
0.3000	W 9	0.6268	0.845	-0.3978	W 34	0.6241	0.849	-0.4107		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.6312	0.838	-0.3798	W 35	0.6306	0.839	-0.3843	W 51	0.6357	0.831	-0.3634		
0.3750		0.0000	0.000	0.0000	W 36	0.6325	0.836	-0.3764	W 52	0.6402	0.824	-0.3451		
0.4000	W 11	0.6371	0.829	-0.3557	W 37	0.6385	0.827	-0.3521	W 53	0.6447	0.817	-0.3266		
0.4250	W 12	0.6432	0.820	-0.3304	W 38	0.6413	0.823	-0.3403	W 54	0.6511	0.808	-0.3003		
0.4500	W 13	0.6488	0.811	-0.3078	W 39	0.6489	0.811	-0.3096	W 55	0.6553	0.801	-0.2831		
0.4750	W 14	0.6523	0.806	-0.2934	W 40	0.6532	0.804	-0.2919	W 56	0.6594	0.795	-0.2665		
0.5000	W 15	0.6570	0.799	-0.2744	W 41	0.6570	0.799	-0.2763	W 57	0.6632	0.789	-0.2507		
0.5250	W 16	0.6598	0.794	-0.2629	W 42	0.6607	0.793	-0.2613	W 58	0.6677	0.782	-0.2326		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.6664	0.784	-0.2380	W 59	0.6734	0.773	-0.2092		
0.5750	W 18	0.6675	0.782	-0.2315	W 44	0.6701	0.778	-0.2228		0.0000	0.000	0.0000		
0.6000	W 19	0.6717	0.776	-0.2142	W 45	0.6746	0.771	-0.2043	W 60	0.6807	0.762	-0.1793		
0.6250	W 20	0.6753	0.770	-0.1996	W 46	0.6790	0.765	-0.1863		0.0000	0.000	0.0000		
0.6500	W 21	0.6793	0.764	-0.1831	W 47	0.6823	0.760	-0.1726		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.6866	0.753	-0.1536	W 48	0.6914	0.746	-0.1355		0.0000	0.000	0.0000		
0.8000	W 24	0.7005	0.732	-0.0966	W 49	0.7084	0.719	-0.0659		0.0000	0.000	0.0000		
0.9000	W 25	0.7274	0.690	0.0132	W 50	0.7289	0.688	0.0178		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9536	0.262	0.9368		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.8219	0.537	0.3988		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.7360	0.677	0.0476		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.6619	0.791	-0.2563		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.6231	0.851	-0.4127		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.6129	0.866	-0.4542		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.6158	0.862	-0.4426		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.6222	0.852	-0.4162		0.0000	0.000	0.0000	W 96	0.6320	0.837	-0.3765		
0.3000	W 69	0.6299	0.840	-0.3847		0.0000	0.000	0.0000	W 97	0.6396	0.825	-0.3453		
0.3250	W 70	0.6333	0.835	-0.3711		0.0000	0.000	0.0000	W 98	0.6431	0.820	-0.3312		
0.3500	W 71	0.6365	0.830	-0.3581	W 86	0.6393	0.826	-0.3466	W 99	0.6484	0.812	-0.3092		
0.3750	W 72	0.6423	0.821	-0.3342	W 87	0.6435	0.819	-0.3293	W100	0.6524	0.806	-0.2929		
0.4000	W 73	0.6469	0.814	-0.3152	W 88	0.6494	0.810	-0.3054	W101	0.6564	0.799	-0.2766		
0.4250	W 74	0.6524	0.806	-0.2931	W 89	0.6521	0.806	-0.2943		0.0000	0.000	0.0000		
0.4500	W 75	0.6567	0.799	-0.2753	W 90	0.6584	0.796	-0.2684	W102	0.6663	0.784	-0.2364		
0.4750	W 76	0.6612	0.792	-0.2572	W 91	0.6633	0.789	-0.2483		0.0000	0.000	0.0000		
0.5000	W 77	0.6668	0.784	-0.2343	W 92	0.6681	0.781	-0.2287	W103	0.6747	0.771	-0.2018		
0.5250	W 78	0.6706	0.778	-0.2188	W 93	0.6720	0.775	-0.2129		0.0000	0.000	0.0000		
0.5500	W 79	0.6735	0.773	-0.2066	W 94	0.6751	0.771	-0.2003	W104	0.6810	0.762	-0.1761		
0.5750	W 80	0.6772	0.767	-0.1917		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6828	0.759	-0.1689	W 95	0.6840	0.757	-0.1640	W105	0.6891	0.749	-0.1433		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6905	0.747	-0.1373		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6984	0.735	-0.1052		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.7148	0.710	-0.0383		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.7330	0.681	0.0363		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-IV. - WING PRESSURE DATA; ALPHA = -1 DEG - Continued

WING PRESSURE DATA  
 (D) RUN= 148 ALPHA=-1 DEG MINF= 0.818 REC= 1.87E+06  
 PT= 1.13 ATM= 16.7 PSIA TT= 263. DEG K= 473. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9489	0.275	1.0091		0.0000	0.000	0.0000		
0.0125	W 2	0.7507	0.653	0.3514	W 27	0.7588	0.641	0.3792		0.0000	0.000	0.0000		
0.0250	W 3	0.6409	0.823	-0.0128	W 28	0.6438	0.819	-0.0018		0.0000	0.000	0.0000		
0.0500	W 4	0.5442	0.974	-0.3333	W 29	0.5468	0.970	-0.3229		0.0000	0.000	0.0000		
0.1000	W 5	0.4895	1.064	-0.5148	W 30	0.4840	1.073	-0.5312		0.0000	0.000	0.0000		
0.1500	W 6	0.4766	1.086	-0.5575	W 31	0.4616	1.112	-0.6054		0.0000	0.000	0.0000		
0.2000	W 7	0.4665	1.103	-0.5911	W 32	0.4483	1.135	-0.6495		0.0000	0.000	0.0000		
0.2500	W 8	0.4579	1.118	-0.6197	W 33	0.4319	1.164	-0.7038		0.0000	0.000	0.0000		
0.3000	W 9	0.4541	1.125	-0.6320	W 34	0.4266	1.174	-0.7214		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4430	1.144	-0.6691	W 35	0.4188	1.188	-0.7471	W 51	0.3878	1.247	-0.8500		
0.3750		0.0000	0.000	0.0000	W 36	0.4134	1.198	-0.7650	W 52	0.3963	1.230	-0.8219		
0.4000	W 11	0.4402	1.149	-0.6783	W 37	0.4137	1.197	-0.7640	W 53	0.4062	1.212	-0.7890		
0.4250	W 12	0.4434	1.144	-0.6676	W 38	0.4122	1.200	-0.7690	W 54	0.4127	1.199	-0.7674		
0.4500	W 13	0.4458	1.139	-0.6597	W 39	0.4180	1.190	-0.7498	W 55	0.4470	1.137	-0.6539		
0.4750	W 14	0.4522	1.128	-0.6384	W 40	0.4270	1.173	-0.7200	W 56	0.5317	0.994	-0.3730		
0.5000	W 15	0.4567	1.120	-0.6237	W 41	0.4363	1.156	-0.6892	W 57	0.5693	0.934	-0.2485		
0.5250	W 16	0.4665	1.103	-0.5912	W 42	0.4512	1.130	-0.6397	W 58	0.5834	0.912	-0.2018		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5147	1.022	-0.4293	W 59	0.5864	0.908	-0.1917		
0.5750	W 18	0.4893	1.064	-0.5155	W 44	0.5685	0.936	-0.2511		0.0000	0.000	0.0000		
0.6000	W 19	0.5195	1.014	-0.4152	W 45	0.5800	0.918	-0.2131	W 60	0.5878	0.905	-0.1872		
0.6250	W 20	0.5366	0.987	-0.3586	W 46	0.5822	0.914	-0.2059		0.0000	0.000	0.0000		
0.6500	W 21	0.5526	0.961	-0.3054	W 47	0.5832	0.913	-0.2025		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5701	0.933	-0.2475	W 48	0.5893	0.903	-0.1821		0.0000	0.000	0.0000		
0.8000	W 24	0.5900	0.902	-0.1816	W 49	0.6044	0.879	-0.1320		0.0000	0.000	0.0000		
0.9000	W 25	0.6147	0.864	-0.0995	W 50	0.6255	0.847	-0.0624		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9399	0.299	0.9795		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7606	0.638	0.3851		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6545	0.802	0.0335		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5488	0.967	-0.3164		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4830	1.075	-0.5324		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4485	1.135	-0.6468		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4276	1.172	-0.7160		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4076	1.209	-0.7822		0.0000	0.000	0.0000	W 96	0.3928	1.237	-0.8312		
0.3000	W 69	0.3933	1.236	-0.8295		0.0000	0.000	0.0000	W 97	0.4079	1.208	-0.7811		
0.3250	W 70	0.3879	1.246	-0.8472		0.0000	0.000	0.0000	W 98	0.4189	1.188	-0.7491		
0.3500	W 71	0.3824	1.257	-0.8657	W 86	0.3901	1.242	-0.8401	W 99	0.4162	1.193	-0.7580		
0.3750	W 72	0.3869	1.248	-0.8506	W 87	0.4009	1.222	-0.8043	W100	0.4188	1.188	-0.7491		
0.4000	W 73	0.4034	1.217	-0.7961	W 88	0.4042	1.215	-0.7932	W101	0.5282	1.000	-0.3864		
0.4250	W 74	0.4143	1.196	-0.7598	W 89	0.4147	1.196	-0.7588		0.0000	0.000	0.0000		
0.4500	W 75	0.4862	1.070	-0.5220	W 90	0.5208	1.012	-0.4075	W102	0.5856	0.909	-0.1961		
0.4750	W 76	0.5576	0.953	-0.2856	W 91	0.5864	0.908	-0.1901		0.0000	0.000	0.0000		
0.5000	W 77	0.5814	0.915	-0.2069	W 92	0.5927	0.898	-0.1693	W103	0.5803	0.917	-0.2136		
0.5250	W 78	0.5870	0.907	-0.1881	W 93	0.5875	0.906	-0.1866		0.0000	0.000	0.0000		
0.5500	W 79	0.5867	0.907	-0.1893	W 94	0.5864	0.908	-0.1904	W104	0.5820	0.914	-0.2079		
0.5750	W 80	0.5870	0.907	-0.1882		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5890	0.904	-0.1817	W 95	0.5884	0.904	-0.1835	W105	0.5898	0.902	-0.1822		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5933	0.897	-0.1675		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6018	0.884	-0.1392		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6228	0.851	-0.0696		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6501	0.809	0.0208		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-IV. - WING PRESSURE DATA; ALPHA = -1 DEG - Continued

WING PRESSURE DATA  
 (E) RUN= 149 ALPHA=-1 DEG MINF= 0.816 REC= 3.96E+06  
 PT= 2.36 ATM= 34.7 PSIA TT= 259. DEG K= 466. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9495	0.273	1.0098		0.0000	0.000	0.0000		
0.0125	W 2	0.7551	0.646	0.3639	W 27	0.7672	0.627	0.4040		0.0000	0.000	0.0000		
0.0250	W 3	0.6520	0.806	0.0213	W 28	0.6563	0.800	0.0354		0.0000	0.000	0.0000		
0.0500	W 4	0.5577	0.953	-0.2920	W 29	0.5604	0.949	-0.2853		0.0000	0.000	0.0000		
0.1000	W 5	0.5036	1.040	-0.4719	W 30	0.4961	1.053	-0.4990		0.0000	0.000	0.0000		
0.1500	W 6	0.4918	1.060	-0.5113	W 31	0.4791	1.082	-0.5555		0.0000	0.000	0.0000		
0.2000	W 7	0.4787	1.082	-0.5548	W 32	0.4638	1.108	-0.6064		0.0000	0.000	0.0000		
0.2500	W 8	0.4731	1.092	-0.5732	W 33	0.4469	1.137	-0.6627		0.0000	0.000	0.0000		
0.3000	W 9	0.4690	1.099	-0.5870	W 34	0.4435	1.143	-0.6742		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4574	1.119	-0.6253	W 35	0.4352	1.158	-0.7017	W 51	0.3986	1.226	-0.8235		
0.3750		0.0000	0.000	0.0000	W 36	0.4272	1.173	-0.7283	W 52	0.3962	1.231	-0.8316		
0.4000	W 11	0.4550	1.123	-0.6334	W 37	0.4269	1.173	-0.7293	W 53	0.4690	1.099	-0.5892		
0.4250	W 12	0.4615	1.112	-0.6118	W 38	0.4222	1.182	-0.7449	W 54	0.5444	0.974	-0.3385		
0.4500	W 13	0.4695	1.098	-0.5853	W 39	0.4536	1.126	-0.6406	W 55	0.5621	0.946	-0.2794		
0.4750	W 14	0.4775	1.084	-0.5588	W 40	0.5201	1.013	-0.4192	W 56	0.5671	0.938	-0.2628		
0.5000	W 15	0.4962	1.053	-0.4966	W 41	0.5409	0.980	-0.3500	W 57	0.5694	0.934	-0.2551		
0.5250	W 16	0.5188	1.015	-0.4215	W 42	0.5506	0.964	-0.3178	W 58	0.5721	0.930	-0.2463		
0.5500	W 17	0.5000	0.000	0.0000	W 43	0.5592	0.950	-0.2891	W 59	0.5768	0.923	-0.2306		
0.5750	W 18	0.5407	0.980	-0.3488	W 44	0.5654	0.941	-0.2685		0.0000	0.000	0.0000		
0.6000	W 19	0.5495	0.966	-0.3192	W 45	0.5722	0.930	-0.2459	W 60	0.5856	0.909	-0.2012		
0.6250	W 20	0.5567	0.954	-0.2955	W 46	0.5785	0.920	-0.2251		0.0000	0.000	0.0000		
0.6500	W 21	0.5639	0.943	-0.2715	W 47	0.5839	0.911	-0.2069		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5777	0.921	-0.2256	W 48	0.5966	0.892	-0.1647		0.0000	0.000	0.0000		
0.8000	W 24	0.6069	0.876	-0.1287	W 49	0.6225	0.852	-0.0786		0.0000	0.000	0.0000		
0.9000	W 25	0.6421	0.821	-0.0117	W 50	0.6534	0.804	0.0243		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9426	0.292	0.9869		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7658	0.629	0.3995		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6606	0.793	0.0499		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5601	0.949	-0.2861		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4967	1.052	-0.4950		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4616	1.112	-0.6116		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4417	1.147	-0.6779		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4213	1.183	-0.7455		0.0000	0.000	0.0000	W 96	0.4104	1.204	-0.7817		
0.3000	W 69	0.4056	1.213	-0.7976		0.0000	0.000	0.0000	W 97	0.4172	1.191	-0.7590		
0.3250	W 70	0.4024	1.219	-0.8083		0.0000	0.000	0.0000	W 98	0.4302	1.167	-0.7157		
0.3500	W 71	0.3952	1.232	-0.8321	W 86	0.3922	1.238	-0.8423	W 99	0.5336	0.991	-0.3721		
0.3750	W 72	0.3975	1.228	-0.8247	W 87	0.4433	1.144	-0.6725	W100	0.5557	0.956	-0.2987		
0.4000	W 73	0.5113	1.028	-0.4463	W 88	0.5388	0.983	-0.3550	W101	0.5583	0.952	-0.2901		
0.4250	W 74	0.5538	0.959	-0.3052	W 89	0.5591	0.951	-0.2875		0.0000	0.000	0.0000		
0.4500	W 75	0.5643	0.942	-0.2703	W 90	0.5652	0.941	-0.2672	W102	0.5641	0.943	-0.2710		
0.4750	W 76	0.5676	0.937	-0.2594	W 91	0.5684	0.936	-0.2567		0.0000	0.000	0.0000		
0.5000	W 77	0.5710	0.932	-0.2479	W 92	0.5709	0.932	-0.2482	W103	0.5730	0.929	-0.2411		
0.5250	W 78	0.5734	0.928	-0.2399	W 93	0.5737	0.927	-0.2389		0.0000	0.000	0.0000		
0.5500	W 79	0.5762	0.924	-0.2309	W 94	0.5778	0.921	-0.2253	W104	0.5819	0.915	-0.2116		
0.5750	W 80	0.5799	0.918	-0.2184		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5863	0.908	-0.1972	W 95	0.5874	0.906	-0.1935	W105	0.5928	0.898	-0.1756		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5964	0.892	-0.1637		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6073	0.875	-0.1272		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6302	0.840	-0.0514		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6562	0.800	0.0351		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-IV. - WING PRESSURE DATA; ALPHA = -1 DEG - Continued

WING PRESSURE DATA												
(F) RUN= 150 ALPHA=-1 DEG MINF= 0.816 REC= 6.04E+06												
PT= 3.59 ATM= 52.8 PSIA TT= 259. DEG K= 465. DEG R												
2Y/B=.250				2Y/B=.500				2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9487	0.275	1.0073		0.0000	0.000	0.0000
0.0125	W 2	0.7547	0.647	0.3616	W 27	0.7710	0.621	0.4168		0.0000	0.000	0.0000
0.0250	W 3	0.6501	0.809	0.0140	W 28	0.6602	0.794	0.0489		0.0000	0.000	0.0000
0.0500	W 4	0.5595	0.950	-0.2874	W 29	0.5663	0.939	-0.2637		0.0000	0.000	0.0000
0.1000	W 5	0.5070	1.035	-0.4620	W 30	0.5025	1.042	-0.4755		0.0000	0.000	0.0000
0.1500	W 6	0.4961	1.053	-0.4981	W 31	0.4813	1.078	-0.5461		0.0000	0.000	0.0000
0.2000	W 7	0.4806	1.079	-0.5496	W 32	0.4636	1.108	-0.6046		0.0000	0.000	0.0000
0.2500	W 8	0.4733	1.092	-0.5741	W 33	0.4457	1.140	-0.6642		0.0000	0.000	0.0000
0.3000	W 9	0.4694	1.098	-0.5868	W 34	0.4430	1.144	-0.6734		0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 10	0.4568	1.120	-0.6289	W 35	0.4346	1.159	-0.7013	W 51	0.3989	1.225	-0.8198
0.3750		0.0000	0.000	0.0000	W 36	0.4264	1.174	-0.7283	W 52	0.3967	1.229	-0.8270
0.4000	W 11	0.4531	1.126	-0.6411	W 37	0.4253	1.176	-0.7319	W 53	0.4701	1.097	-0.5832
0.4250	W 12	0.4600	1.115	-0.6183	W 38	0.4208	1.184	-0.7470	W 54	0.5456	0.972	-0.3322
0.4500	W 13	0.4678	1.101	-0.5922	W 39	0.4481	1.135	-0.6563	W 55	0.5631	0.944	-0.2740
0.4750	W 14	0.4784	1.083	-0.5569	W 40	0.5200	1.013	-0.4174	W 56	0.5689	0.935	-0.2548
0.5000	W 15	0.5003	1.046	-0.4842	W 41	0.5426	0.977	-0.3423	W 57	0.5714	0.931	-0.2466
0.5250	W 16	0.5219	1.010	-0.4122	W 42	0.5527	0.961	-0.3087	W 58	0.5743	0.927	-0.2370
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5600	0.949	-0.2845	W 59	0.5779	0.921	-0.2249
0.5750	W 18	0.5428	0.977	-0.3427	W 44	0.5661	0.939	-0.2641		0.0000	0.000	0.0000
0.6000	W 19	0.5511	0.963	-0.3153	W 45	0.5724	0.930	-0.2431	W 60	0.5867	0.907	-0.1957
0.6250	W 20	0.5584	0.952	-0.2909	W 46	0.5790	0.919	-0.2214		0.0000	0.000	0.0000
0.6500	W 21	0.5650	0.941	-0.2690	W 47	0.5844	0.911	-0.2033		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.5788	0.919	-0.2231	W 48	0.5970	0.891	-0.1615		0.0000	0.000	0.0000
0.8000	W 24	0.6081	0.874	-0.1257	W 49	0.6225	0.852	-0.0768		0.0000	0.000	0.0000
0.9000	W 25	0.6421	0.821	-0.0127	W 50	0.6544	0.803	0.0291		0.0000	0.000	0.0000

2Y/B=.775				2Y/B=.800				2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9435	0.289	0.9902		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.7671	0.627	0.4040		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.6631	0.789	0.0587		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.5626	0.945	-0.2759		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.4955	1.054	-0.4986		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.4579	1.118	-0.6235		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.4400	1.150	-0.6831		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.4202	1.186	-0.7489		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3000	W 69	0.4055	1.213	-0.7977		0.0000	0.000	0.0000	W 96	0.4097	1.205	-0.7837
0.3250	W 70	0.4014	1.220	-0.8110		0.0000	0.000	0.0000	W 97	0.4153	1.195	-0.7650
0.3500	W 71	0.3940	1.235	-0.8357	W 86	0.3917	1.239	-0.8435	W 98	0.4418	1.146	-0.6787
0.3750	W 72	0.3968	1.229	-0.8265	W 87	0.4479	1.136	-0.6567	W 99	0.5366	0.987	-0.3634
0.4000	W 73	0.5152	1.021	-0.4332	W 88	0.5417	0.978	-0.3450	W100	0.5540	0.959	-0.3056
0.4250	W 74	0.5547	0.958	-0.3019	W 89	0.5600	0.949	-0.2841	W101	0.5569	0.954	-0.2961
0.4500	W 75	0.5652	0.941	-0.2671	W 90	0.5664	0.939	-0.2631		0.0000	0.000	0.0000
0.4750	W 76	0.5690	0.935	-0.2545	W 91	0.5692	0.935	-0.2535	W102	0.5643	0.942	-0.2713
0.5000	W 77	0.5715	0.931	-0.2461	W 92	0.5720	0.930	-0.2445		0.0000	0.000	0.0000
0.5250	W 78	0.5740	0.927	-0.2378	W 93	0.5746	0.926	-0.2358	W103	0.5735	0.928	-0.2408
0.5500	W 79	0.5774	0.922	-0.2265	W 94	0.5786	0.920	-0.2223		0.0000	0.000	0.0000
0.5750	W 80	0.5812	0.916	-0.2139		0.0000	0.000	0.0000	W104	0.5827	0.913	-0.2101
0.6000	W 81	0.5876	0.906	-0.1925	W 95	0.5888	0.904	-0.1886		0.0000	0.000	0.0000
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W105	0.5937	0.896	-0.1735
0.6500	W 82	0.5980	0.890	-0.1581		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.6085	0.873	-0.1229		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.6316	0.837	-0.0462		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.6576	0.798	0.0400		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-IV. - WING PRESSURE DATA; ALPHA = -1 DEG - Continued

WING PRESSURE DATA  
 (G) RUN= 147 ALPHA=-1 DEG MINF= 0.816 REC= 7.78E+06  
 PT= 4.62 ATM= 67.9 PSIA TT= 258. DEG K= 465. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9475	0.279	1.0029		0.0000	0.000	0.0000		
0.0125	W 2	0.7562	0.645	0.3664	W 27	0.7693	0.624	0.4100		0.0000	0.000	0.0000		
0.0250	W 3	0.6579	0.797	0.0395	W 28	0.6596	0.795	0.0452		0.0000	0.000	0.0000		
0.0500	W 4	0.5689	0.935	-0.2566	W 29	0.5700	0.933	-0.2516		0.0000	0.000	0.0000		
0.1000	W 5	0.5153	1.021	-0.4350	W 30	0.5051	1.038	-0.4674		0.0000	0.000	0.0000		
0.1500	W 6	0.5008	1.045	-0.4831	W 31	0.4849	1.072	-0.5344		0.0000	0.000	0.0000		
0.2000	W 7	0.4856	1.071	-0.5337	W 32	0.4673	1.102	-0.5930		0.0000	0.000	0.0000		
0.2500	W 8	0.4779	1.084	-0.5592	W 33	0.4490	1.134	-0.6536		0.0000	0.000	0.0000		
0.3000	W 9	0.4724	1.093	-0.5775	W 34	0.4476	1.136	-0.6583		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4592	1.116	-0.6214	W 35	0.4384	1.153	-0.6889	W 51	0.4049	1.214	-0.8002		
0.3750		0.0000	0.000	0.0000	W 36	0.4290	1.170	-0.7204	W 52	0.4067	1.211	-0.7944		
0.4000	W 11	0.4568	1.120	-0.6295	W 37	0.4299	1.168	-0.7173	W 53	0.5170	1.018	-0.4277		
0.4250	W 12	0.4645	1.107	-0.6039	W 38	0.4329	1.162	-0.7074	W 54	0.5556	0.956	-0.2994		
0.4500	W 13	0.4762	1.087	-0.5651	W 39	0.5018	1.043	-0.4781	W 55	0.5634	0.944	-0.2734		
0.4750	W 14	0.4974	1.051	-0.4944	W 40	0.5338	0.991	-0.3717	W 56	0.5666	0.939	-0.2627		
0.5000	W 15	0.5147	1.022	-0.4370	W 41	0.5456	0.972	-0.3325	W 57	0.5693	0.934	-0.2538		
0.5250	W 16	0.5279	1.001	-0.3930	W 42	0.5537	0.959	-0.3058	W 58	0.5725	0.929	-0.2431		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5608	0.948	-0.2821	W 59	0.5770	0.922	-0.2283		
0.5750	W 18	0.5454	0.972	-0.3346	W 44	0.5667	0.938	-0.2624		0.0000	0.000	0.0000		
0.6000	W 19	0.5539	0.959	-0.3064	W 45	0.5735	0.928	-0.2398	W 60	0.5870	0.907	-0.1952		
0.6250	W 20	0.5618	0.946	-0.2802	W 46	0.5803	0.917	-0.2173		0.0000	0.000	0.0000		
0.6500	W 21	0.5687	0.935	-0.2573	W 47	0.5859	0.908	-0.1986		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5820	0.915	-0.2132	W 48	0.5989	0.888	-0.1555		0.0000	0.000	0.0000		
0.8000	W 24	0.6121	0.868	-0.1130	W 49	0.6249	0.848	-0.0689		0.0000	0.000	0.0000		
0.9000	W 25	0.6471	0.814	0.0036	W 50	0.6567	0.799	0.0367		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9402	0.298	0.9785		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7650	0.631	0.3958		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6643	0.787	0.0609		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5663	0.939	-0.2638		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4987	1.049	-0.4897		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4600	1.114	-0.6186		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4426	1.145	-0.6765		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4234	1.180	-0.7404		0.0000	0.000	0.0000	W 96	0.4172	1.191	-0.7609		
0.3000	W 69	0.4114	1.202	-0.7801		0.0000	0.000	0.0000	W 97	0.4230	1.180	-0.7417		
0.3250	W 70	0.4062	1.212	-0.7976		0.0000	0.000	0.0000	W 98	0.4925	1.059	-0.5108		
0.3500	W 71	0.3995	1.224	-0.8199	W 86	0.4023	1.219	-0.8104	W 99	0.5474	0.969	-0.3280		
0.3750	W 72	0.4359	1.157	-0.6987	W 87	0.4973	1.051	-0.4945	W100	0.5540	0.959	-0.3060		
0.4000	W 73	0.5418	0.978	-0.3466	W 88	0.5527	0.961	-0.3104	W101	0.5557	0.956	-0.3004		
0.4250	W 74	0.5589	0.951	-0.2897	W 89	0.5600	0.949	-0.2860		0.0000	0.000	0.0000		
0.4500	W 75	0.5636	0.943	-0.2739	W 90	0.5634	0.944	-0.2747	W102	0.5637	0.943	-0.2739		
0.4750	W 76	0.5660	0.940	-0.2660	W 91	0.5665	0.939	-0.2644		0.0000	0.000	0.0000		
0.5000	W 77	0.5683	0.936	-0.2584	W 92	0.5689	0.935	-0.2564	W103	0.5741	0.927	-0.2394		
0.5250	W 78	0.5717	0.931	-0.2472	W 93	0.5725	0.929	-0.2445		0.0000	0.000	0.0000		
0.5500	W 79	0.5758	0.924	-0.2335	W 94	0.5767	0.923	-0.2304	W104	0.5834	0.912	-0.2085		
0.5750	W 80	0.5803	0.917	-0.2185		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5871	0.906	-0.1958	W 95	0.5884	0.905	-0.1916	W105	0.5948	0.895	-0.1706		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5979	0.890	-0.1598		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6090	0.872	-0.1230		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6321	0.837	-0.0463		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6578	0.797	0.0393		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-IV. - WING PRESSURE DATA; ALPHA = -1 DEG - Continued

WING PRESSURE DATA  
(H) RUN= 146 ALPHA=-1 DEG MINF= 0.826 REC= 7.89E+06  
PT= 4.67 ATM= 68.6 PSIA TT= 259. DEG K= 466. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9470	0.280	1.0086		0.0000	0.000	0.0000		
0.0125	W 2	0.7533	0.649	0.3737	W 27	0.7639	0.632	0.4084		0.0000	0.000	0.0000		
0.0250	W 3	0.6509	0.808	0.0383	W 28	0.6532	0.804	0.0456		0.0000	0.000	0.0000		
0.0500	W 4	0.5605	0.948	-0.2581	W 29	0.5629	0.945	-0.2502		0.0000	0.000	0.0000		
0.1000	W 5	0.5054	1.037	-0.4386	W 30	0.4969	1.052	-0.4668		0.0000	0.000	0.0000		
0.1500	W 6	0.4938	1.057	-0.4766	W 31	0.4749	1.089	-0.5389		0.0000	0.000	0.0000		
0.2000	W 7	0.4778	1.084	-0.5292	W 32	0.4567	1.120	-0.5984		0.0000	0.000	0.0000		
0.2500	W 8	0.4658	1.104	-0.5686	W 33	0.4387	1.152	-0.6575		0.0000	0.000	0.0000		
0.3000	W 9	0.4610	1.113	-0.5841	W 34	0.4315	1.165	-0.6811		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4485	1.135	-0.6253	W 35	0.4241	1.178	-0.7051	W 51	0.3872	1.248	-0.8263		
0.3750		0.0000	0.000	0.0000	W 36	0.4176	1.190	-0.7264	W 52	0.3829	1.256	-0.8402		
0.4000	W 11	0.4404	1.149	-0.6518	W 37	0.4163	1.193	-0.7306	W 53	0.3758	1.270	-0.8635		
0.4250	W 12	0.4428	1.145	-0.6437	W 38	0.4077	1.209	-0.7590	W 54	0.3777	1.266	-0.8573		
0.4500	W 13	0.4471	1.137	-0.6298	W 39	0.4091	1.206	-0.7545	W 55	0.4827	1.076	-0.5132		
0.4750	W 14	0.4476	1.136	-0.6283	W 40	0.4098	1.205	-0.7522	W 56	0.5468	0.970	-0.3029		
0.5000	W 15	0.4505	1.131	-0.6185	W 41	0.4443	1.142	-0.6391	W 57	0.5672	0.938	-0.2363		
0.5250	W 16	0.4513	1.130	-0.6160	W 42	0.5234	1.008	-0.3799	W 58	0.5772	0.922	-0.2036		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5463	0.971	-0.3047	W 59	0.5824	0.914	-0.1866		
0.5750	W 18	0.5144	1.023	-0.4092	W 44	0.5606	0.948	-0.2577		0.0000	0.000	0.0000		
0.6000	W 19	0.5383	0.984	-0.3307	W 45	0.5700	0.933	-0.2271	W 60	0.5887	0.904	-0.1656		
0.6250	W 20	0.5489	0.967	-0.2963	W 46	0.5772	0.922	-0.2035		0.0000	0.000	0.0000		
0.6500	W 21	0.5569	0.954	-0.2698	W 47	0.5828	0.913	-0.1852		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000	W 48	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5729	0.929	-0.2175	W 49	0.5948	0.894	-0.1457		0.0000	0.000	0.0000		
0.8000	W 24	0.6031	0.882	-0.1184	W 49	0.6188	0.857	-0.0671		0.0000	0.000	0.0000		
0.9000	W 25	0.6381	0.828	-0.0039	W 50	0.6492	0.810	0.0326		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9388	0.302	0.9818		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7598	0.639	0.3949		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6576	0.798	0.0600		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5608	0.948	-0.2572		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4917	1.060	-0.4838		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4514	1.129	-0.6159		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4346	1.159	-0.6711		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4134	1.198	-0.7406		0.0000	0.000	0.0000	W 96	0.3953	1.232	-0.7998		
0.3000	W 69	0.3969	1.229	-0.7947		0.0000	0.000	0.0000	W 97	0.3987	1.226	-0.7888		
0.3250	W 70	0.3910	1.241	-0.8141		0.0000	0.000	0.0000	W 98	0.3988	1.225	-0.7879		
0.3500	W 71	0.3823	1.257	-0.8423	W 86	0.3787	1.264	-0.8544	W 99	0.3989	1.225	-0.7878		
0.3750	W 72	0.3764	1.269	-0.8617	W 87	0.3738	1.274	-0.8704	W100	0.4088	1.207	-0.7553		
0.4000	W 73	0.3733	1.275	-0.8718	W 88	0.3772	1.267	-0.8591	W101	0.5168	1.019	-0.4012		
0.4250	W 74	0.3899	1.243	-0.8176	W 89	0.4512	1.130	-0.6167		0.0000	0.000	0.0000		
0.4500	W 75	0.5117	1.027	-0.4184	W 90	0.5344	0.990	-0.3440	W102	0.5684	0.936	-0.2324		
0.4750	W 76	0.5511	0.963	-0.2890	W 91	0.5615	0.947	-0.2551		0.0000	0.000	0.0000		
0.5000	W 77	0.5699	0.934	-0.2276	W 92	0.5738	0.927	-0.2146	W103	0.5763	0.923	-0.2063		
0.5250	W 78	0.5783	0.920	-0.1999	W 93	0.5793	0.919	-0.1968		0.0000	0.000	0.0000		
0.5500	W 79	0.5825	0.914	-0.1862	W 94	0.5824	0.914	-0.1864	W104	0.5805	0.917	-0.1926		
0.5750	W 80	0.5852	0.910	-0.1776		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5892	0.903	-0.1643	W 95	0.5891	0.903	-0.1648	W105	0.5890	0.903	-0.1646		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5960	0.893	-0.1419		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6045	0.879	-0.1141		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6250	0.848	-0.0469		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6486	0.811	0.0305		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-IV. - WING PRESSURE DATA; ALPHA = -1 DEG - Continued

WING PRESSURE DATA  
 (1) RUN= 151 ALPHA=-1 DEG MINF= 0.836 REC= 5.91E+06  
 PT= 3.45 ATM= 50.7 PSIA TT= 257. DEG K= 463. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9448	0.286	1.0087		0.0000	0.000	0.0000		
0.0125	W 2	0.7482	0.657	0.3724	W 27	0.7580	0.642	0.4052		0.0000	0.000	0.0000		
0.0250	W 3	0.6429	0.820	0.0320	W 28	0.6476	0.813	0.0485		0.0000	0.000	0.0000		
0.0500	W 4	0.5481	0.968	-0.2744	W 29	0.5593	0.950	-0.2385		0.0000	0.000	0.0000		
0.1000	W 5	0.4887	1.065	-0.4665	W 30	0.4929	1.058	-0.4532		0.0000	0.000	0.0000		
0.1500	W 6	0.4772	1.085	-0.5039	W 31	0.4681	1.100	-0.5334		0.0000	0.000	0.0000		
0.2000	W 7	0.4668	1.103	-0.5376	W 32	0.4517	1.129	-0.5865		0.0000	0.000	0.0000		
0.2500	W 8	0.4525	1.128	-0.5838	W 33	0.4275	1.172	-0.6647		0.0000	0.000	0.0000		
0.3000	W 9	0.4486	1.135	-0.5964	W 34	0.4207	1.185	-0.6869		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4357	1.157	-0.6381	W 35	0.4124	1.200	-0.7136	W 51	0.3754	1.271	-0.8332		
0.3750		0.0000	0.000	0.0000	W 36	0.4025	1.219	-0.7456	W 52	0.3658	1.290	-0.8642		
0.4000	W 11	0.4245	1.178	-0.6741	W 37	0.4018	1.220	-0.7480	W 53	0.3600	1.302	-0.8829		
0.4250	W 12	0.4271	1.173	-0.6658	W 38	0.3970	1.229	-0.7634	W 54	0.3585	1.305	-0.8880		
0.4500	W 13	0.4288	1.170	-0.6603	W 39	0.3971	1.229	-0.7631	W 55	0.3560	1.310	-0.8962		
0.4750	W 14	0.4286	1.170	-0.6609	W 40	0.3948	1.233	-0.7705	W 56	0.3540	1.314	-0.9023		
0.5000	W 15	0.4283	1.171	-0.6621	W 41	0.3907	1.241	-0.7839	W 57	0.3558	1.310	-0.8965		
0.5250	W 16	0.4270	1.173	-0.6662	W 42	0.3880	1.246	-0.7926	W 58	0.4297	1.168	-0.6577		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3917	1.239	-0.7804	W 59	0.5083	1.033	-0.4034		
0.5750	W 18	0.4249	1.177	-0.6729	W 44	0.3912	1.240	-0.7821		0.0000	0.000	0.0000		
0.6000	W 19	0.4248	1.177	-0.6731	W 45	0.3966	1.230	-0.7648	W 60	0.5559	0.956	-0.2496		
0.6250	W 20	0.4227	1.181	-0.6801	W 46	0.4722	1.093	-0.5202		0.0000	0.000	0.0000		
0.6500	W 21	0.4215	1.183	-0.6838	W 47	0.5323	0.993	-0.3257		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.4697	1.098	-0.5282	W 48	0.5747	0.926	-0.1888		0.0000	0.000	0.0000		
0.8000	W 24	0.5831	0.913	-0.1612	W 49	0.6113	0.869	-0.0703		0.0000	0.000	0.0000		
0.9000	W 25	0.6195	0.856	-0.0437	W 50	0.6400	0.825	0.0226		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9400	0.299	0.9932		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7586	0.641	0.4071		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6529	0.805	0.0656		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5541	0.958	-0.2552		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.4803	1.080	-0.4925		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4375	1.154	-0.6308		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4217	1.183	-0.6818		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4013	1.221	-0.7477		0.0000	0.000	0.0000	W 96	0.3796	1.263	-0.8178		
0.3000	W 69	0.3836	1.255	-0.8051		0.0000	0.000	0.0000	W 97	0.3787	1.264	-0.8207		
0.3250	W 70	0.3766	1.268	-0.8275		0.0000	0.000	0.0000	W 98	0.3796	1.263	-0.8193		
0.3500	W 71	0.3666	1.288	-0.8600	W 86	0.3628	1.296	-0.8722	W 99	0.3781	1.266	-0.8242		
0.3750	W 72	0.3603	1.301	-0.8805	W 87	0.3556	1.311	-0.8956	W100	0.3746	1.272	-0.8355		
0.4000	W 73	0.3541	1.314	-0.9003	W 88	0.3534	1.315	-0.9025	W101	0.3721	1.277	-0.8436		
0.4250	W 74	0.3514	1.319	-0.9089	W 89	0.3523	1.318	-0.9062		0.0000	0.000	0.0000		
0.4500	W 75	0.3515	1.319	-0.9089	W 90	0.3566	1.309	-0.8922	W102	0.3739	1.274	-0.8379		
0.4750	W 76	0.3555	1.311	-0.8960	W 91	0.3590	1.304	-0.8845		0.0000	0.000	0.0000		
0.5000	W 77	0.3631	1.296	-0.8712	W 92	0.3920	1.238	-0.7777	W103	0.5098	1.030	-0.3983		
0.5250	W 78	0.4636	1.108	-0.5465	W 93	0.4942	1.056	-0.4475		0.0000	0.000	0.0000		
0.5500	W 79	0.5183	1.016	-0.3696	W 94	0.5301	0.997	-0.3316	W104	0.5673	0.938	-0.2125		
0.5750	W 80	0.5415	0.979	-0.2946		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5592	0.950	-0.2375	W 95	0.5675	0.937	-0.2108	W105	0.5874	0.906	-0.1476		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5869	0.907	-0.1480		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6037	0.881	-0.0938		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6203	0.855	-0.0402		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6354	0.832	0.0087		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-IV. - WING PRESSURE DATA; ALPHA = -1 DEG - Concluded

WING PRESSURE DATA  
(J) RUN= 145 ALPHA=-1 DEG MINF= 0.835 REC= 7.90E+06  
PT= 4.62 ATM= 67.9 PSIA TT= 258. DEG K= 464. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9465	0.281	1.0135		W 51	0.0000	0.000	0.0000	
0.0125	W 2	0.7481	0.657	0.3715	W 27	0.7588	0.641	0.4062		W 52	0.0000	0.000	0.0000	
0.0250	W 3	0.6448	0.817	0.0371	W 28	0.6470	0.814	0.0446		W 53	0.0000	0.000	0.0000	
0.0500	W 4	0.5521	0.962	-0.2628	W 29	0.5558	0.956	-0.2489		W 54	0.0000	0.000	0.0000	
0.1000	W 5	0.4949	1.055	-0.4479	W 30	0.4891	1.065	-0.4644		W 55	0.0000	0.000	0.0000	
0.1500	W 6	0.4826	1.076	-0.4876	W 31	0.4645	1.107	-0.5440		W 56	0.0000	0.000	0.0000	
0.2000	W 7	0.4666	1.103	-0.5395	W 32	0.4475	1.136	-0.5987		W 57	0.0000	0.000	0.0000	
0.2500	W 8	0.4537	1.125	-0.5812	W 33	0.4246	1.177	-0.6728		W 58	0.0000	0.000	0.0000	
0.3000	W 9	0.4488	1.134	-0.5969	W 34	0.4171	1.191	-0.6969		W 59	0.0000	0.000	0.0000	
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		W 60	0.0000	0.000	0.0000	
0.3500	W 10	0.4353	1.158	-0.6409	W 35	0.4075	1.209	-0.7283						
0.3750		0.0000	0.000	0.0000	W 36	0.4000	1.223	-0.7525						
0.4000	W 11	0.4256	1.176	-0.6723	W 37	0.4004	1.222	-0.7510						
0.4250	W 12	0.4277	1.172	-0.6654	W 38	0.3946	1.234	-0.7700						
0.4500	W 13	0.4304	1.167	-0.6568	W 39	0.3952	1.232	-0.7679						
0.4750	W 14	0.4302	1.167	-0.6574	W 40	0.3932	1.236	-0.7742						
0.5000	W 15	0.4307	1.166	-0.6556	W 41	0.3908	1.241	-0.7821						
0.5250	W 16	0.4289	1.170	-0.6615	W 42	0.3888	1.245	-0.7886						
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.3907	1.241	-0.7823						
0.5750	W 18	0.4265	1.174	-0.6692	W 44	0.3919	1.239	-0.7785						
0.6000	W 19	0.4255	1.176	-0.6724	W 45	0.4541	1.125	-0.5776						
0.6250	W 20	0.4246	1.177	-0.6753	W 46	0.5273	1.002	-0.3410						
0.6500	W 21	0.4366	1.156	-0.6365	W 47	0.5559	0.956	-0.2485						
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000						
0.7000	W 23	0.5416	0.979	-0.2968	W 48	0.5844	0.911	-0.1563						
0.8000	W 24	0.5896	0.903	-0.1415	W 49	0.6140	0.865	-0.0606						
0.9000	W 25	0.6243	0.849	-0.0292	W 50	0.6409	0.823	0.0265						

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
0.0000	W 61	0.9380	0.304	0.9861		0.0000	0.000	0.0000						
0.0125	W 62	0.7566	0.644	0.3993		0.0000	0.000	0.0000						
0.0250	W 63	0.6484	0.812	0.0492		0.0000	0.000	0.0000						
0.0500	W 64	0.5499	0.965	-0.2678		0.0000	0.000	0.0000						
0.1000	W 65	0.4884	1.066	-0.4677		0.0000	0.000	0.0000						
0.1500	W 66	0.4467	1.138	-0.6027		0.0000	0.000	0.0000						
0.2000	W 67	0.4286	1.170	-0.6611		0.0000	0.000	0.0000						
0.2500	W 68	0.4070	1.210	-0.7310		0.0000	0.000	0.0000		W 96	0.3823	1.257	-0.8112	
0.3000	W 69	0.3881	1.246	-0.7924		0.0000	0.000	0.0000		W 97	0.3825	1.257	-0.8103	
0.3250	W 70	0.3821	1.258	-0.8116		0.0000	0.000	0.0000		W 98	0.3777	1.266	-0.8271	
0.3500	W 71	0.3720	1.278	-0.8445	W 86	0.3661	1.290	-0.8635		W 99	0.3770	1.268	-0.8294	
0.3750	W 72	0.3642	1.293	-0.8694	W 87	0.3607	1.300	-0.8809		W100	0.3739	1.274	-0.8396	
0.4000	W 73	0.3587	1.305	-0.8875	W 88	0.3578	1.306	-0.8903		W101	0.3722	1.277	-0.8449	
0.4250	W 74	0.3576	1.307	-0.8909	W 89	0.3582	1.306	-0.8889						
0.4500	W 75	0.3577	1.307	-0.8907	W 90	0.3632	1.295	-0.8727		W102	0.4025	1.219	-0.7470	
0.4750	W 76	0.3617	1.298	-0.8777	W 91	0.3683	1.285	-0.8564						
0.5000	W 77	0.4086	1.207	-0.7260	W 92	0.4613	1.112	-0.5555		W103	0.5508	0.964	-0.2669	
0.5250	W 78	0.5050	1.038	-0.4142	W 93	0.5226	1.009	-0.3572						
0.5500	W 79	0.5403	0.981	-0.2999	W 94	0.5480	0.968	-0.2751		W104	0.5800	0.918	-0.1725	
0.5750	W 80	0.5613	0.947	-0.2322		0.0000	0.000	0.0000						
0.6000	W 81	0.5769	0.922	-0.1815	W 95	0.5826	0.914	-0.1633		W105	0.5915	0.900	-0.1353	
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000						
0.6500	W 82	0.5960	0.893	-0.1200		0.0000	0.000	0.0000						
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000						
0.7000	W 83	0.6043	0.880	-0.0930		0.0000	0.000	0.0000						
0.8000	W 84	0.6172	0.860	-0.0514		0.0000	0.000	0.0000						
0.9000	W 85	0.6341	0.834	0.0034		0.0000	0.000	0.0000						

TABLE A-V. - WING PRESSURE DATA; ALPHA = -2 DEG

WING PRESSURE DATA  
 (A) RUN= 142 ALPHA=-2 DEG MINF= 0.498 REC= 5.91E+06  
 PT= 4.82 ATM= 70.9 PSIA TT= 257. DEG K= 462. DEG R

2Y/B= .250					2Y/B= .500					2Y/B= .750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9655	0.225	0.8283		0.0000	0.000	0.0000		
0.0125	W 2	0.8993	0.392	0.3766	W 27	0.9146	0.359	0.4811		0.0000	0.000	0.0000		
0.0250	W 3	0.8557	0.477	0.0792	W 28	0.8641	0.462	0.1367		0.0000	0.000	0.0000		
0.0500	W 4	0.8199	0.540	-0.1651	W 29	0.8280	0.526	-0.1093		0.0000	0.000	0.0000		
0.1000	W 5	0.8049	0.566	-0.2669	W 30	0.8078	0.561	-0.2473		0.0000	0.000	0.0000		
0.1500	W 6	0.8009	0.572	-0.2946	W 31	0.8041	0.567	-0.2721		0.0000	0.000	0.0000		
0.2000	W 7	0.8002	0.573	-0.2989	W 32	0.8012	0.572	-0.2923		0.0000	0.000	0.0000		
0.2500	W 8	0.8019	0.571	-0.2878	W 33	0.8002	0.573	-0.2987		0.0000	0.000	0.0000		
0.3000	W 9	0.8030	0.569	-0.2803	W 34	0.8018	0.571	-0.2878		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.8042	0.567	-0.2716	W 35	0.8044	0.566	-0.2702	W 51	0.8054	0.565	-0.2637		
0.3750		0.0000	0.000	0.0000	W 36	0.8044	0.566	-0.2699	W 52	0.8066	0.563	-0.2537		
0.4000	W 11	0.8070	0.562	-0.2527	W 37	0.8071	0.562	-0.2521	W 53	0.8081	0.560	-0.2450		
0.4250	W 12	0.8089	0.559	-0.2398	W 38	0.8072	0.562	-0.2510	W 54	0.8108	0.556	-0.2267		
0.4500	W 13	0.8112	0.555	-0.2238	W 39	0.8106	0.556	-0.2283	W 55	0.8123	0.553	-0.2167		
0.4750	W 14	0.8124	0.553	-0.2158	W 40	0.8126	0.553	-0.2140	W 56	0.8140	0.550	-0.2046		
0.5000	W 15	0.8148	0.549	-0.1998	W 41	0.8146	0.549	-0.2004	W 57	0.8150	0.549	-0.1980		
0.5250	W 16	0.8153	0.548	-0.1963	W 42	0.8158	0.547	-0.1928	W 58	0.8173	0.545	-0.1824		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.8180	0.543	-0.1774	W 59	0.8197	0.541	-0.1662		
0.5750	W 18	0.8183	0.543	-0.1754	W 44	0.8194	0.541	-0.1681		0.0000	0.000	0.0000		
0.6000	W 19	0.8211	0.538	-0.1566	W 45	0.8214	0.538	-0.1542	W 60	0.8233	0.534	-0.1412		
0.6250	W 20	0.8216	0.537	-0.1529	W 46	0.8234	0.534	-0.1405		0.0000	0.000	0.0000		
0.6500	W 21	0.8233	0.534	-0.1416	W 47	0.8246	0.532	-0.1326		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.8268	0.528	-0.1176	W 48	0.8285	0.525	-0.1060		0.0000	0.000	0.0000		
0.8000	W 24	0.8354	0.513	-0.0587	W 49	0.8364	0.512	-0.0521		0.0000	0.000	0.0000		
0.9000	W 25	0.8455	0.496	0.0101	W 50	0.8469	0.493	0.0196		0.0000	0.000	0.0000		

2Y/B= .775					2Y/B= .800					2Y/B= .900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9649	0.227	0.8241		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.9162	0.356	0.4924		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.8700	0.450	0.1771		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.8299	0.523	-0.0967		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.8082	0.560	-0.2422		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.8008	0.572	-0.2928		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.8008	0.572	-0.2931		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.8023	0.570	-0.2823		0.0000	0.000	0.0000	W 96	0.8046	0.566	-0.2667		
0.3000	W 69	0.8042	0.567	-0.2700		0.0000	0.000	0.0000	W 97	0.8068	0.562	-0.2523		
0.3250	W 70	0.8053	0.565	-0.2621		0.0000	0.000	0.0000	W 98	0.8071	0.562	-0.2521		
0.3500	W 71	0.8062	0.563	-0.2560	W 86	0.8058	0.564	-0.2591	W 99	0.8090	0.559	-0.2391		
0.3750	W 72	0.8079	0.561	-0.2448	W 87	0.8082	0.560	-0.2423	W100	0.8103	0.557	-0.2305		
0.4000	W 73	0.8092	0.558	-0.2354	W 88	0.8103	0.556	-0.2278	W101	0.8118	0.554	-0.2202		
0.4250	W 74	0.8114	0.555	-0.2204	W 89	0.8108	0.556	-0.2248		0.0000	0.000	0.0000		
0.4500	W 75	0.8134	0.551	-0.2073	W 90	0.8135	0.551	-0.2062	W102	0.8160	0.547	-0.1912		
0.4750	W 76	0.8146	0.549	-0.1987	W 91	0.8159	0.547	-0.1900		0.0000	0.000	0.0000		
0.5000	W 77	0.8175	0.544	-0.1791	W 92	0.8176	0.544	-0.1782	W103	0.8194	0.541	-0.1678		
0.5250	W 78	0.8186	0.542	-0.1714	W 93	0.8190	0.542	-0.1691		0.0000	0.000	0.0000		
0.5500	W 79	0.8197	0.541	-0.1642	W 94	0.8203	0.540	-0.1603	W104	0.8220	0.537	-0.1504		
0.5750	W 80	0.8219	0.537	-0.1494		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.8242	0.533	-0.1335	W 95	0.8244	0.533	-0.1321	W105	0.8260	0.530	-0.1234		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.8272	0.528	-0.1133		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.8308	0.521	-0.0883		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.8386	0.508	-0.0352		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.8479	0.491	0.0277		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-V. — WING PRESSURE DATA; ALPHA = -2 DEG — Continued

WING PRESSURE DATA  
(B) RUN= 140 ALPHA=-2 DEG MINF= 0.601 REC= 5.96E+06  
PT= 4.16 ATM= 61.1 PSIA TT= 254. DEG K= 457. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9508	0.269	0.8451		0.0000	0.000	0.0000		
0.0125	W 2	0.8666	0.457	0.4199	W 27	0.8867	0.418	0.5213		0.0000	0.000	0.0000		
0.0250	W 3	0.8075	0.561	0.1213	W 28	0.8182	0.543	0.1754		0.0000	0.000	0.0000		
0.0500	W 4	0.7553	0.646	-0.1422	W 29	0.7597	0.639	-0.1190		0.0000	0.000	0.0000		
0.1000	W 5	0.7305	0.685	-0.2674	W 30	0.7303	0.685	-0.2669		0.0000	0.000	0.0000		
0.1500	W 6	0.7238	0.696	-0.3014	W 31	0.7240	0.695	-0.2989		0.0000	0.000	0.0000		
0.2000	W 7	0.7204	0.701	-0.3185	W 32	0.7199	0.702	-0.3197		0.0000	0.000	0.0000		
0.2500	W 8	0.7235	0.696	-0.3026	W 33	0.7202	0.701	-0.3182		0.0000	0.000	0.0000		
0.3000	W 9	0.7243	0.695	-0.2986	W 34	0.7214	0.699	-0.3121		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.7264	0.692	-0.2883	W 35	0.7250	0.694	-0.2939	W 51	0.7262	0.692	-0.2877		
0.3750		0.0000	0.000	0.0000	W 36	0.7259	0.692	-0.2892	W 52	0.7295	0.687	-0.2709		
0.4000	W 11	0.7299	0.686	-0.2707	W 37	0.7300	0.686	-0.2686	W 53	0.7308	0.685	-0.2648		
0.4250	W 12	0.7333	0.681	-0.2535	W 38	0.7298	0.686	-0.2697	W 54	0.7348	0.678	-0.2442		
0.4500	W 13	0.7366	0.675	-0.2364	W 39	0.7349	0.678	-0.2438	W 55	0.7371	0.675	-0.2327		
0.4750	W 14	0.7393	0.671	-0.2228	W 40	0.7380	0.673	-0.2284	W 56	0.7408	0.669	-0.2144		
0.5000	W 15	0.7417	0.668	-0.2108	W 41	0.7411	0.668	-0.2125	W 57	0.7421	0.667	-0.2077		
0.5250	W 16	0.7425	0.666	-0.2068	W 42	0.7429	0.666	-0.2034	W 58	0.7454	0.662	-0.1910		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.7455	0.662	-0.1902	W 59	0.7486	0.657	-0.1749		
0.5750	W 18	0.7464	0.660	-0.1870	W 44	0.7479	0.658	-0.1782		0.0000	0.000	0.0000		
0.6000	W 19	0.7500	0.654	-0.1689	W 45	0.7508	0.653	-0.1636	W 60	0.7539	0.648	-0.1479		
0.6250	W 20	0.7515	0.652	-0.1615	W 46	0.7537	0.649	-0.1489		0.0000	0.000	0.0000		
0.6500	W 21	0.7538	0.648	-0.1498	W 47	0.7554	0.646	-0.1406		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.7591	0.640	-0.1228	W 48	0.7614	0.636	-0.1104		0.0000	0.000	0.0000		
0.8000	W 24	0.7716	0.620	-0.0597	W 49	0.7731	0.618	-0.0513		0.0000	0.000	0.0000		
0.9000	W 25	0.7869	0.595	0.0173	W 50	0.7881	0.593	0.0247		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9486	0.276	0.8341		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.8862	0.419	0.5188		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.8311	0.521	0.2405		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.7620	0.635	-0.1071		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.7296	0.687	-0.2720		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.7191	0.703	-0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.7187	0.703	-0.3269		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.7209	0.700	-0.3160		0.0000	0.000	0.0000	W 96	0.7242	0.695	-0.2991		
0.3000	W 69	0.7231	0.697	-0.3047		0.0000	0.000	0.0000	W 97	0.7278	0.689	-0.2810		
0.3250	W 70	0.7253	0.693	-0.2938		0.0000	0.000	0.0000	W 98	0.7302	0.686	-0.2690		
0.3500	W 71	0.7268	0.691	-0.2860	W 86	0.7279	0.689	-0.2806	W 99	0.7329	0.681	-0.2552		
0.3750	W 72	0.7295	0.687	-0.2727	W 87	0.7304	0.685	-0.2676	W100	0.7351	0.678	-0.2443		
0.4000	W 73	0.7310	0.684	-0.2649	W 88	0.7335	0.680	-0.2521	W101	0.7373	0.674	-0.2328		
0.4250	W 74	0.7352	0.678	-0.2435	W 89	0.7349	0.678	-0.2453		0.0000	0.000	0.0000		
0.4500	W 75	0.7380	0.673	-0.2293	W 90	0.7387	0.672	-0.2261	W102	0.7432	0.665	-0.2031		
0.4750	W 76	0.7407	0.669	-0.2159	W 91	0.7425	0.666	-0.2068		0.0000	0.000	0.0000		
0.5000	W 77	0.7433	0.665	-0.2027	W 92	0.7445	0.663	-0.1969	W103	0.7483	0.657	-0.1775		
0.5250	W 78	0.7457	0.661	-0.1906	W 93	0.7475	0.658	-0.1815		0.0000	0.000	0.0000		
0.5500	W 79	0.7478	0.658	-0.1799	W 94	0.7488	0.656	-0.1752	W104	0.7523	0.651	-0.1573		
0.5750	W 80	0.7509	0.653	-0.1645		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.7543	0.648	-0.1470	W 95	0.7548	0.647	-0.1447	W105	0.7579	0.642	-0.1290		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.7597	0.639	-0.1201		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.7647	0.631	-0.0945		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.7759	0.613	-0.0380		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.7888	0.592	0.0270		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-V. - WING PRESSURE DATA; ALPHA = -2 DEG - Continued

## WING PRESSURE DATA

(C) RUN= 139 ALPHA=-2 DEG MINF= 0.695 REC= 6.00E+06  
 PT= 3.83 ATM= 56.4 PSIA TT= 255. DEG K= 459. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9435	0.289	0.8957		0.0000	0.000	0.0000		
0.0125	W 2	0.8323	0.519	0.4414	W 27	0.8524	0.483	0.5233		0.0000	0.000	0.0000		
0.0250	W 3	0.7548	0.647	0.1246	W 28	0.7671	0.627	0.1746		0.0000	0.000	0.0000		
0.0500	W 4	0.6869	0.753	-0.1526	W 29	0.6993	0.733	-0.1010		0.0000	0.000	0.0000		
0.1000	W 5	0.6513	0.807	-0.2980	W 30	0.6567	0.799	-0.2752		0.0000	0.000	0.0000		
0.1500	W 6	0.6421	0.821	-0.3356	W 31	0.6454	0.816	-0.3212		0.0000	0.000	0.0000		
0.2000	W 7	0.6384	0.827	-0.3510	W 32	0.6380	0.828	-0.3514		0.0000	0.000	0.0000		
0.2500	W 8	0.6390	0.826	-0.3482	W 33	0.6363	0.830	-0.3586		0.0000	0.000	0.0000		
0.3000	W 9	0.6411	0.823	-0.3399	W 34	0.6384	0.827	-0.3499		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.6430	0.820	-0.3319	W 35	0.6426	0.821	-0.3327	W 51	0.6443	0.818	-0.3258		
0.3750		0.0000	0.000	0.0000	W 36	0.6439	0.819	-0.3273	W 52	0.6488	0.811	-0.3072		
0.4000	W 11	0.6468	0.814	-0.3164	W 37	0.6493	0.810	-0.3054	W 53	0.6511	0.808	-0.2979		
0.4250	W 12	0.6536	0.804	-0.2886	W 38	0.6499	0.809	-0.3029	W 54	0.6571	0.798	-0.2735		
0.4500	W 13	0.6571	0.798	-0.2745	W 39	0.6570	0.798	-0.2737	W 55	0.6606	0.793	-0.2593		
0.4750	W 14	0.6599	0.794	-0.2630	W 40	0.6614	0.792	-0.2557	W 56	0.6652	0.786	-0.2402		
0.5000	W 15	0.6636	0.788	-0.2478	W 41	0.6650	0.786	-0.2414	W 57	0.6676	0.782	-0.2304		
0.5250	W 16	0.6669	0.783	-0.2345	W 42	0.6679	0.782	-0.2292	W 58	0.6725	0.775	-0.2106		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.6717	0.776	-0.2138	W 59	0.6770	0.768	-0.1922		
0.5750	W 18	0.6717	0.776	-0.2146	W 44	0.6753	0.770	-0.1992		0.0000	0.000	0.0000		
0.6000	W 19	0.6759	0.769	-0.1974	W 45	0.6792	0.764	-0.1834	W 60	0.6843	0.757	-0.1623		
0.6250	W 20	0.6786	0.765	-0.1864	W 46	0.6832	0.758	-0.1667		0.0000	0.000	0.0000		
0.6500	W 21	0.6821	0.760	-0.1722	W 47	0.6862	0.754	-0.1548		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.6896	0.748	-0.1416	W 48	0.6934	0.743	-0.1253		0.0000	0.000	0.0000		
0.8000	W 24	0.7066	0.722	-0.0720	W 49	0.7102	0.717	-0.0568		0.0000	0.000	0.0000		
0.9000	W 25	0.7266	0.691	0.0095	W 50	0.7301	0.686	0.0248		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9367	0.307	0.8679		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.8524	0.483	0.5233		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.7843	0.600	0.2448		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.6982	0.735	-0.1055		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.6490	0.811	-0.3064		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.6326	0.836	-0.3737		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.6310	0.838	-0.3799		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.6347	0.833	-0.3650		0.0000	0.000	0.0000	W 96	0.6401	0.824	-0.3428		
0.3000	W 69	0.6378	0.828	-0.3524		0.0000	0.000	0.0000	W 97	0.6458	0.816	-0.3197		
0.3250	W 70	0.6416	0.822	-0.3367		0.0000	0.000	0.0000	W 98	0.6489	0.811	-0.3080		
0.3500	W 71	0.6436	0.819	-0.3286	W 86	0.6446	0.817	-0.3243	W 99	0.6528	0.805	-0.2920		
0.3750	W 72	0.6478	0.813	-0.3113	W 87	0.6495	0.810	-0.3045	W100	0.6552	0.801	-0.2820		
0.4000	W 73	0.6511	0.807	-0.2978	W 88	0.6542	0.803	-0.2855	W101	0.6602	0.794	-0.2617		
0.4250	W 74	0.6567	0.799	-0.2753	W 89	0.6570	0.799	-0.2740		0.0000	0.000	0.0000		
0.4500	W 75	0.6615	0.792	-0.2557	W 90	0.6621	0.791	-0.2530	W102	0.6684	0.781	-0.2281		
0.4750	W 76	0.6654	0.786	-0.2397	W 91	0.6668	0.783	-0.2338		0.0000	0.000	0.0000		
0.5000	W 77	0.6691	0.780	-0.2245	W 92	0.6705	0.778	-0.2187	W103	0.6764	0.769	-0.1956		
0.5250	W 78	0.6726	0.774	-0.2100	W 93	0.6742	0.772	-0.2036		0.0000	0.000	0.0000		
0.5500	W 79	0.6758	0.770	-0.1972	W 94	0.6771	0.768	-0.1917	W104	0.6817	0.761	-0.1740		
0.5750	W 80	0.6799	0.763	-0.1805		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.6845	0.756	-0.1616	W 95	0.6861	0.754	-0.1552	W105	0.6891	0.749	-0.1437		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6918	0.745	-0.1316		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6990	0.734	-0.1023		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.7145	0.710	-0.0391		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.7325	0.682	0.0343		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-V. — WING PRESSURE DATA; ALPHA = -2 DEG — Continued

(D) WING PRESSURE DATA  
 RUN= 136 ALPHA=-2 DEG MINF= 0.793 REC= 7.86E+06  
 PT= 4.70 ATM= 69.1 PSIA TT= 257. DEG K= 462. DEG R

X/C	2Y/B=.250				2Y/B=.500				2Y/B=.750			
	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9410	0.296	0.9648		0.0000	0.000	0.0000
0.0125	W 2	0.7929	0.585	0.4552	W 27	0.8062	0.563	0.5017		0.0000	0.000	0.0000
0.0250	W 3	0.7091	0.732	0.1360	W 28	0.7048	0.725	0.1533		0.0000	0.000	0.0000
0.0500	W 4	0.6155	0.862	-0.1549	W 29	0.6143	0.864	-0.1592		0.0000	0.000	0.0000
0.1000	W 5	0.5619	0.946	-0.3392	W 30	0.5530	0.960	-0.3702		0.0000	0.000	0.0000
0.1500	W 6	0.5460	0.971	-0.3939	W 31	0.5342	0.990	-0.4347		0.0000	0.000	0.0000
0.2000	W 7	0.5344	0.990	-0.4338	W 32	0.5180	1.017	-0.4905		0.0000	0.000	0.0000
0.2500	W 8	0.5299	0.997	-0.4493	W 33	0.5110	1.028	-0.5145		0.0000	0.000	0.0000
0.3000	W 9	0.5278	1.001	-0.4565	W 34	0.5144	1.023	-0.5027		0.0000	0.000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.3500	W 10	0.5282	1.000	-0.4549	W 35	0.5213	1.011	-0.4792	W 51	0.5300	0.997	-0.4491
0.3750		0.0000	0.000	0.0000	W 36	0.5260	1.004	-0.4629	W 52	0.5408	0.980	-0.4122
0.4000	W 11	0.5376	0.985	-0.4229	W 37	0.5369	0.986	-0.4253	W 53	0.5474	0.969	-0.3893
0.4250	W 12	0.5458	0.972	-0.3945	W 38	0.5416	0.979	-0.4094	W 54	0.5575	0.953	-0.3545
0.4500	W 13	0.5523	0.961	-0.3723	W 39	0.5525	0.961	-0.3719	W 55	0.5643	0.942	-0.3312
0.4750	W 14	0.5578	0.953	-0.3533	W 40	0.5608	0.948	-0.3432	W 56	0.5715	0.931	-0.3066
0.5000	W 15	0.5637	0.943	-0.3330	W 41	0.5672	0.938	-0.3211	W 57	0.5772	0.922	-0.2867
0.5250	W 16	0.5675	0.937	-0.3198	W 42	0.5728	0.929	-0.3021	W 58	0.5843	0.911	-0.2624
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5801	0.917	-0.2768	W 59	0.5915	0.900	-0.2377
0.5750	W 18	0.5781	0.921	-0.2833	W 44	0.5857	0.909	-0.2575		0.0000	0.000	0.0000
0.6000	W 19	0.5847	0.910	-0.2608	W 45	0.5923	0.898	-0.2349	W 60	0.6028	0.882	-0.1987
0.6250	W 20	0.5898	0.902	-0.2432	W 46	0.5990	0.888	-0.2120		0.0000	0.000	0.0000
0.6500	W 21	0.5958	0.893	-0.2227	W 47	0.6040	0.880	-0.1945		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.6065	0.876	-0.1857	W 48	0.6163	0.861	-0.1523		0.0000	0.000	0.0000
0.8000	W 24	0.6338	0.834	-0.0919	W 49	0.6406	0.824	-0.0689		0.0000	0.000	0.0000
0.9000	W 25	0.6635	0.788	0.0103	W 50	0.6703	0.778	0.0333		0.0000	0.000	0.0000

X/C	2Y/B=.775				2Y/B=.800				2Y/B=.900			
	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9368	0.307	0.9504		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.7971	0.578	0.4706		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.7048	0.725	0.1533		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.6084	0.873	-0.1796		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.5428	0.977	-0.4057		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.5116	1.027	-0.5129		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.4969	1.052	-0.5634		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.4988	1.048	-0.5570		0.0000	0.000	0.0000	W 96	0.5205	1.013	-0.4821
0.3000	W 69	0.5191	1.015	-0.4872		0.0000	0.000	0.0000	W 97	0.5353	0.989	-0.4315
0.3250	W 70	0.5258	1.004	-0.4640		0.0000	0.000	0.0000	W 98	0.5419	0.978	-0.4078
0.3500	W 71	0.5323	0.994	-0.4417	W 86	0.5368	0.986	-0.4261	W 99	0.5504	0.964	-0.3785
0.3750	W 72	0.5422	0.977	-0.4075	W 87	0.5449	0.973	-0.3982	W100	0.5583	0.952	-0.3517
0.4000	W 73	0.5503	0.965	-0.3799	W 88	0.5538	0.959	-0.3677	W101	0.5644	0.942	-0.3307
0.4250	W 74	0.5589	0.951	-0.3502	W 89	0.5599	0.949	-0.3466		0.0000	0.000	0.0000
0.4500	W 75	0.5662	0.939	-0.3250	W 90	0.5686	0.935	-0.3167	W102	0.5789	0.919	-0.2809
0.4750	W 76	0.5734	0.928	-0.3003	W 91	0.5763	0.923	-0.2901		0.0000	0.000	0.0000
0.5000	W 77	0.5802	0.917	-0.2768	W 92	0.5829	0.913	-0.2675	W103	0.5908	0.901	-0.2399
0.5250	W 78	0.5863	0.908	-0.2560	W 93	0.5886	0.904	-0.2481		0.0000	0.000	0.0000
0.5500	W 79	0.5913	0.900	-0.2386	W 94	0.5931	0.897	-0.2325	W104	0.6001	0.886	-0.2078
0.5750	W 80	0.5966	0.892	-0.2206		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6000	W 81	0.6040	0.880	-0.1951	W 95	0.6055	0.878	-0.1900	W105	0.6107	0.870	-0.1712
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6500	W 82	0.6150	0.863	-0.1573		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.6251	0.848	-0.1224		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.6471	0.814	-0.0467		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.6711	0.777	0.0356		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-V. — WING PRESSURE DATA; ALPHA = -2 DEG — Continued

WING PRESSURE DATA  
 (E) RUN= 135 ALPHA=-2 DEG MINF= 0.804 REC= 8.08E+06  
 PT= 4.78 ATM= 70.3 PSIA TT= 256. DEG K= 461. DEG R

2Y/B= .250					2Y/B= .500					2Y/B= .750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9436	0.289	0.9819		0.0000	0.000	0.0000		
0.0125	W 2	0.7845	0.599	0.4439	W 27	0.8011	0.572	0.5004		0.0000	0.000	0.0000		
0.0250	W 3	0.6914	0.746	0.1292	W 28	0.6953	0.740	0.1429		0.0000	0.000	0.0000		
0.0500	W 4	0.6048	0.879	-0.1634	W 29	0.6103	0.870	-0.1449		0.0000	0.000	0.0000		
0.1000	W 5	0.5498	0.965	-0.3494	W 30	0.5455	0.972	-0.3639		0.0000	0.000	0.0000		
0.1500	W 6	0.5342	0.990	-0.4019	W 31	0.5258	1.004	-0.4305		0.0000	0.000	0.0000		
0.2000	W 7	0.5208	1.012	-0.4474	W 32	0.5082	1.033	-0.4899		0.0000	0.000	0.0000		
0.2500	W 8	0.5176	1.017	-0.4582	W 33	0.4987	1.049	-0.5219		0.0000	0.000	0.0000		
0.3000	W 9	0.5149	1.022	-0.4674	W 34	0.4996	1.047	-0.5190		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.5172	1.018	-0.4596	W 35	0.5033	1.041	-0.5066	W 51	0.5208	1.012	-0.4472		
0.3750		0.0000	0.000	0.0000	W 36	0.5073	1.034	-0.4929	W 52	0.5280	1.000	-0.4229		
0.4000	W 11	0.5282	1.000	-0.4223	W 37	0.5204	1.013	-0.4486	W 53	0.5339	0.991	-0.4031		
0.4250	W 12	0.5368	0.986	-0.3932	W 38	0.5256	1.004	-0.4309	W 54	0.5438	0.975	-0.3696		
0.4500	W 13	0.5444	0.974	-0.3676	W 39	0.5376	0.985	-0.3904	W 55	0.5509	0.964	-0.3457		
0.4750	W 14	0.5497	0.966	-0.3498	W 40	0.5465	0.971	-0.3605	W 56	0.5587	0.951	-0.3191		
0.5000	W 15	0.5552	0.957	-0.3309	W 41	0.5541	0.958	-0.3347	W 57	0.5651	0.941	-0.2977		
0.5250	W 16	0.5585	0.952	-0.3199	W 42	0.5596	0.950	-0.3160	W 58	0.5721	0.930	-0.2740		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5667	0.939	-0.2921	W 59	0.5792	0.919	-0.2498		
0.5750	W 18	0.5657	0.940	-0.2957	W 44	0.5727	0.929	-0.2720		0.0000	0.000	0.0000		
0.6000	W 19	0.5703	0.933	-0.2800	W 45	0.5793	0.919	-0.2495	W 60	0.5911	0.900	-0.2097		
0.6250	W 20	0.5733	0.928	-0.2699	W 46	0.5862	0.908	-0.2263		0.0000	0.000	0.0000		
0.6500	W 21	0.5776	0.921	-0.2554	W 47	0.5915	0.900	-0.2082		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5879	0.905	-0.2205	W 48	0.6047	0.879	-0.1637		0.0000	0.000	0.0000		
0.8000	W 24	0.6163	0.861	-0.1246	W 49	0.6302	0.840	-0.0777		0.0000	0.000	0.0000		
0.9000	W 25	0.6505	0.808	-0.0088	W 50	0.6610	0.792	0.0265		0.0000	0.000	0.0000		

2Y/B= .775					2Y/B= .800					2Y/B= .900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9439	0.288	0.9828		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7966	0.579	0.4852		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6890	0.749	0.1216		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.6062	0.877	-0.1587		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.5330	0.992	-0.4061		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4992	1.048	-0.5202		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4814	1.078	-0.5804		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4678	1.101	-0.6264		0.0000	0.000	0.0000	W 96	0.4804	1.079	-0.5838		
0.3000	W 69	0.4753	1.088	-0.6012		0.0000	0.000	0.0000	W 97	0.5220	1.010	-0.4432		
0.3250	W 70	0.5130	1.025	-0.4737		0.0000	0.000	0.0000	W 98	0.5256	1.004	-0.4313		
0.3500	W 71	0.5234	1.008	-0.4385	W 86	0.5232	1.008	-0.4391	W 99	0.5342	0.990	-0.4021		
0.3750	W 72	0.5286	0.999	-0.4208	W 87	0.5307	0.996	-0.4137	W100	0.5417	0.978	-0.3767		
0.4000	W 73	0.5361	0.987	-0.3955	W 88	0.5394	0.982	-0.3845	W101	0.5494	0.966	-0.3506		
0.4250	W 74	0.5448	0.973	-0.3662	W 89	0.5459	0.972	-0.3626		0.0000	0.000	0.0000		
0.4500	W 75	0.5523	0.961	-0.3407	W 90	0.5548	0.957	-0.3322	W102	0.5649	0.941	-0.2984		
0.4750	W 76	0.5598	0.949	-0.3154	W 91	0.5629	0.945	-0.3050		0.0000	0.000	0.0000		
0.5000	W 77	0.5672	0.938	-0.2903	W 92	0.5700	0.933	-0.2810	W103	0.5777	0.921	-0.2551		
0.5250	W 78	0.5734	0.928	-0.2697	W 93	0.5763	0.923	-0.2597		0.0000	0.000	0.0000		
0.5500	W 79	0.5789	0.919	-0.2511	W 94	0.5809	0.916	-0.2441	W104	0.5881	0.905	-0.2199		
0.5750	W 80	0.5843	0.911	-0.2325		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5921	0.899	-0.2063	W 95	0.5937	0.896	-0.2011	W105	0.5990	0.888	-0.1830		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.6035	0.881	-0.1679		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6136	0.865	-0.1335		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6368	0.830	-0.0553		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6607	0.793	0.0255		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-V. — WING PRESSURE DATA; ALPHA = -2 DEG — Continued

WING PRESSURE DATA  
(F) RUN= 137 ALPHA=-2 DEG MINF= 0.620 REC= 2.02E+06  
PT= 1.20 ATM= 17.7 PSIA TT= 259. DEG K= 467. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9423	0.293	0.9885		0.0000	0.000	0.0000		
0.0125	W 2	0.7778	0.610	0.4455	W 27	0.7853	0.598	0.4693		0.0000	0.000	0.0000		
0.0250	W 3	0.6796	0.764	0.1212	W 28	0.6664	0.784	0.0760		0.0000	0.000	0.0000		
0.0500	W 4	0.5831	0.913	-0.1976	W 29	0.5818	0.915	-0.2010		0.0000	0.000	0.0000		
0.1000	W 5	0.5270	1.002	-0.3828	W 30	0.5164	1.019	-0.4167		0.0000	0.000	0.0000		
0.1500	W 6	0.5107	1.029	-0.4369	W 31	0.4917	1.060	-0.4983		0.0000	0.000	0.0000		
0.2000	W 7	0.4994	1.048	-0.4742	W 32	0.4763	1.086	-0.5492		0.0000	0.000	0.0000		
0.2500	W 8	0.4866	1.069	-0.5163	W 33	0.4605	1.114	-0.6015		0.0000	0.000	0.0000		
0.3000	W 9	0.4818	1.077	-0.5321	W 34	0.4553	1.123	-0.6187		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4714	1.095	-0.5667	W 35	0.4444	1.142	-0.6546	W 51	0.4169	1.192	-0.7453		
0.3750		0.0000	0.000	0.0000	W 36	0.4424	1.145	-0.6611	W 52	0.4204	1.185	-0.7338		
0.4000	W 11	0.4780	1.083	-0.5448	W 37	0.4478	1.136	-0.6432	W 53	0.4393	1.151	-0.6714		
0.4250	W 12	0.4866	1.069	-0.5165	W 38	0.4589	1.116	-0.6066	W 54	0.5147	1.022	-0.4225		
0.4500	W 13	0.4925	1.059	-0.4968	W 39	0.4736	1.091	-0.5583	W 55	0.5519	0.962	-0.2998		
0.4750	W 14	0.5027	1.042	-0.4631	W 40	0.4888	1.065	-0.5081	W 56	0.5645	0.942	-0.2582		
0.5000	W 15	0.5078	1.033	-0.4462	W 41	0.5156	1.021	-0.4194	W 57	0.5674	0.937	-0.2483		
0.5250	W 16	0.5155	1.021	-0.4207	W 42	0.5468	0.970	-0.3164	W 58	0.5700	0.933	-0.2399		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5632	0.944	-0.2623	W 59	0.5728	0.929	-0.2307		
0.5750	W 18	0.5354	0.989	-0.3553	W 44	0.5678	0.937	-0.2470		0.0000	0.000	0.0000		
0.6000	W 19	0.5486	0.967	-0.3115	W 45	0.5716	0.931	-0.2347	W 60	0.5804	0.917	-0.2054		
0.6250	W 20	0.5572	0.954	-0.2831	W 46	0.5763	0.923	-0.2192		0.0000	0.000	0.0000		
0.6500	W 21	0.5669	0.938	-0.2512	W 47	0.5807	0.917	-0.2047		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5792	0.919	-0.2104	W 48	0.5922	0.899	-0.1666		0.0000	0.000	0.0000		
0.8000	W 24	0.6058	0.877	-0.1227	W 49	0.6185	0.858	-0.0798		0.0000	0.000	0.0000		
0.9000	W 25	0.6387	0.827	-0.0137	W 50	0.6491	0.811	0.0214		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9359	0.309	0.9672		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7860	0.597	0.4716		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6844	0.756	0.1356		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5827	0.913	-0.1980		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.5141	1.023	-0.4279		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4787	1.082	-0.5449		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4521	1.128	-0.6329		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4350	1.159	-0.6894		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3000	W 69	0.4220	1.182	-0.7324		0.0000	0.000	0.0000	W 96	0.4185	1.189	-0.7439		
0.3250	W 70	0.4189	1.188	-0.7425		0.0000	0.000	0.0000	W 97	0.4364	1.156	-0.6848		
0.3500	W 71	0.4161	1.193	-0.7519	W 86	0.4321	1.164	-0.6990	W 98	0.4470	1.137	-0.6472		
0.3750	W 72	0.4243	1.178	-0.7247	W 87	0.4385	1.152	-0.6778	W 99	0.4518	1.129	-0.6312		
0.4000	W 73	0.4506	1.131	-0.6376	W 88	0.4442	1.142	-0.6588	W100	0.4762	1.087	-0.5508		
0.4250	W 74	0.5266	1.003	-0.3863	W 89	0.5379	0.984	-0.3489	W101	0.5586	0.951	-0.2786		
0.4500	W 75	0.5587	0.951	-0.2803	W 90	0.5812	0.916	-0.2059	W102	0.5700	0.933	-0.2409		
0.4750	W 76	0.5677	0.937	-0.2506	W 91	0.5756	0.925	-0.2243		0.0000	0.000	0.0000		
0.5000	W 77	0.5694	0.934	-0.2448	W 92	0.5719	0.930	-0.2367	W103	0.5683	0.936	-0.2464		
0.5250	W 78	0.5706	0.932	-0.2408	W 93	0.5718	0.931	-0.2369		0.0000	0.000	0.0000		
0.5500	W 79	0.5718	0.930	-0.2368	W 94	0.5736	0.928	-0.2310	W104	0.5758	0.924	-0.2216		
0.5750	W 80	0.5756	0.925	-0.2244		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5808	0.916	-0.2070	W 95	0.5822	0.914	-0.2025	W105	0.5849	0.910	-0.1916		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5906	0.901	-0.1746		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6006	0.886	-0.1418		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6232	0.850	-0.0669		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6480	0.812	0.0151		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-V. — WING PRESSURE DATA; ALPHA = -2 DEG — Continued

WING PRESSURE DATA  
(G) RUN= 130 ALPHA=-2 DEG MINF= 0.816 REC= 3.90E+06  
PT= 2.32 ATM= 34.1 PSIA TT= 258. DEG K= 465. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9431	0.291	0.9889		0.0000	0.000	0.0000		
0.0125	W 2	0.7819	0.603	0.4538	W 27	0.7937	0.584	0.4929		0.0000	0.000	0.0000		
0.0250	W 3	0.6850	0.755	0.1320	W 28	0.6855	0.755	0.1336		0.0000	0.000	0.0000		
0.0500	W 4	0.5918	0.899	-0.1776	W 29	0.5956	0.893	-0.1661		0.0000	0.000	0.0000		
0.1000	W 5	0.5354	0.988	-0.3648	W 30	0.5301	0.997	-0.3836		0.0000	0.000	0.0000		
0.1500	W 6	0.5195	1.014	-0.4176	W 31	0.5079	1.033	-0.4573		0.0000	0.000	0.0000		
0.2000	W 7	0.5044	1.039	-0.4676	W 32	0.4898	1.064	-0.5176		0.0000	0.000	0.0000		
0.2500	W 8	0.4979	1.050	-0.4892	W 33	0.4737	1.091	-0.5711		0.0000	0.000	0.0000		
0.3000	W 9	0.4934	1.058	-0.5044	W 34	0.4707	1.096	-0.5812		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4827	1.075	-0.5397	W 35	0.4599	1.115	-0.6171	W 51	0.4310	1.166	-0.7129		
0.3750		0.0000	0.000	0.0000	W 36	0.4543	1.124	-0.6355	W 52	0.4392	1.151	-0.6859		
0.4000	W 11	0.4885	1.066	-0.5206	W 37	0.4658	1.104	-0.5973	W 53	0.5301	0.997	-0.3837		
0.4250	W 12	0.4974	1.051	-0.4908	W 38	0.4884	1.066	-0.5223	W 54	0.5495	0.966	-0.3191		
0.4500	W 13	0.5071	1.035	-0.4588	W 39	0.5134	1.024	-0.4392	W 55	0.5519	0.962	-0.3112		
0.4750	W 14	0.5177	1.017	-0.4236	W 40	0.5327	0.993	-0.3751	W 56	0.5552	0.957	-0.3002		
0.5000	W 15	0.5236	1.008	-0.4040	W 41	0.5425	0.977	-0.3425	W 57	0.5581	0.952	-0.2907		
0.5250	W 16	0.5326	0.993	-0.3739	W 42	0.5487	0.967	-0.3219	W 58	0.5633	0.944	-0.2732		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5562	0.955	-0.2969	W 59	0.5700	0.933	-0.2512		
0.5750	W 18	0.5477	0.969	-0.3239	W 44	0.5627	0.945	-0.2754		0.0000	0.000	0.0000		
0.6000	W 19	0.5561	0.955	-0.2959	W 45	0.5696	0.934	-0.2524	W 60	0.5804	0.917	-0.2164		
0.6250	W 20	0.5626	0.945	-0.2746	W 46	0.5762	0.924	-0.2303		0.0000	0.000	0.0000		
0.6500	W 21	0.5701	0.933	-0.2497	W 47	0.5817	0.915	-0.2122		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5820	0.915	-0.2101	W 48	0.5950	0.894	-0.1680		0.0000	0.000	0.0000		
0.8000	W 24	0.6106	0.870	-0.1151	W 49	0.6210	0.854	-0.0815		0.0000	0.000	0.0000		
0.9000	W 25	0.6459	0.816	0.0021	W 50	0.6519	0.806	0.0211		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9360	0.309	0.9654		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7898	0.591	0.4800		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.7059	0.723	0.2012		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5934	0.897	-0.1734		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.5220	1.010	-0.4094		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4866	1.069	-0.5268		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4652	1.105	-0.5980		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4463	1.139	-0.6608		0.0000	0.000	0.0000	W 96	0.4380	1.153	-0.6883		
0.3000	W 69	0.4339	1.161	-0.7018		0.0000	0.000	0.0000	W 97	0.4407	1.149	-0.6795		
0.3250	W 70	0.4318	1.164	-0.7090		0.0000	0.000	0.0000	W 98	0.4829	1.075	-0.5390		
0.3500	W 71	0.4266	1.174	-0.7260	W 86	0.4294	1.169	-0.7169	W 99	0.5418	0.978	-0.3434		
0.3750	W 72	0.4674	1.102	-0.5908	W 87	0.5171	1.018	-0.4258	W100	0.5441	0.974	-0.3359		
0.4000	W 73	0.5415	0.979	-0.3447	W 88	0.5481	0.968	-0.3228	W101	0.5440	0.975	-0.3361		
0.4250	W 74	0.5500	0.965	-0.3163	W 89	0.5488	0.967	-0.3202		0.0000	0.000	0.0000		
0.4500	W 75	0.5516	0.962	-0.3110	W 90	0.5514	0.963	-0.3117	W102	0.5543	0.958	-0.3021		
0.4750	W 76	0.5545	0.958	-0.3013	W 91	0.5561	0.955	-0.2960		0.0000	0.000	0.0000		
0.5000	W 77	0.5591	0.951	-0.2862	W 92	0.5604	0.948	-0.2817	W103	0.5657	0.940	-0.2641		
0.5250	W 78	0.5640	0.943	-0.2699	W 93	0.5659	0.940	-0.2636		0.0000	0.000	0.0000		
0.5500	W 79	0.5690	0.935	-0.2534	W 94	0.5704	0.933	-0.2486	W104	0.5767	0.923	-0.2276		
0.5750	W 80	0.5741	0.927	-0.2363		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5815	0.915	-0.2117	W 95	0.5826	0.914	-0.2083	W105	0.5875	0.906	-0.1917		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5926	0.898	-0.1749		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6030	0.882	-0.1403		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6253	0.847	-0.0663		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6486	0.811	0.0110		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-V. — WING PRESSURE DATA; ALPHA = -2 DEG — Continued

WING PRESSURE DATA												
(H) RUN= 131 ALPHA=-2 DEG MINF= 0.816 REC= 6.03E+06												
PT= 3.53 ATM= 51.9 PSIA TT= 256. DEG K= 460. DEG R												
2Y/B=.250				2Y/B=.500				2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9413	0.295	0.9829	0.0000	0.000	0.0000	0.0000
0.0125	W 2	0.7839	0.600	0.4595	W 27	0.7969	0.579	0.5029	0.0000	0.000	0.0000	0.0000
0.0250	W 3	0.6864	0.753	0.1357	W 28	0.6917	0.745	0.1534	0.0000	0.000	0.0000	0.0000
0.0500	W 4	0.5968	0.891	-0.1623	W 29	0.6000	0.886	-0.1525	0.0000	0.000	0.0000	0.0000
0.1000	W 5	0.5398	0.981	-0.3516	W 30	0.5347	0.990	-0.3695	0.0000	0.000	0.0000	0.0000
0.1500	W 6	0.5232	1.008	-0.4068	W 31	0.5121	1.026	-0.4446	0.0000	0.000	0.0000	0.0000
0.2000	W 7	0.5087	1.032	-0.4548	W 32	0.4927	1.059	-0.5093	0.0000	0.000	0.0000	0.0000
0.2500	W 8	0.5012	1.045	-0.4800	W 33	0.4773	1.085	-0.5603	0.0000	0.000	0.0000	0.0000
0.3000	W 9	0.4949	1.055	-0.5009	W 34	0.4714	1.095	-0.5798	0.0000	0.000	0.0000	0.0000
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	0.0000	0.000	0.000	0.0000
0.3500	W 10	0.4827	1.075	-0.5412	W 35	0.4612	1.112	-0.6139	W 51	0.4340	1.160	-0.7043
0.3750		0.0000	0.000	0.0000	W 36	0.4570	1.120	-0.6278	W 52	0.4622	1.111	-0.6107
0.4000	W 11	0.4897	1.064	-0.5181	W 37	0.4745	1.089	-0.5696	W 53	0.5363	0.987	-0.3640
0.4250	W 12	0.4979	1.050	-0.4907	W 38	0.4986	1.049	-0.4895	W 54	0.5464	0.971	-0.3306
0.4500	W 13	0.5077	1.034	-0.4583	W 39	0.5164	1.019	-0.4305	W 55	0.5485	0.967	-0.3235
0.4750	W 14	0.5185	1.016	-0.4225	W 40	0.5294	0.998	-0.3871	W 56	0.5532	0.960	-0.3081
0.5000	W 15	0.5266	1.003	-0.3954	W 41	0.5397	0.982	-0.3528	W 57	0.5583	0.952	-0.2911
0.5250	W 16	0.5337	0.991	-0.3718	W 42	0.5474	0.969	-0.3273	W 58	0.5638	0.943	-0.2728
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5555	0.956	-0.3002	W 59	0.5692	0.935	-0.2547
0.5750	W 18	0.5477	0.969	-0.3252	W 44	0.5622	0.946	-0.2782		0.0000	0.000	0.0000
0.6000	W 19	0.5562	0.955	-0.2972	W 45	0.5695	0.934	-0.2538	W 60	0.5809	0.916	-0.2159
0.6250	W 20	0.5620	0.946	-0.2777	W 46	0.5766	0.923	-0.2302		0.0000	0.000	0.0000
0.6500	W 21	0.5701	0.933	-0.2509	W 47	0.5821	0.914	-0.2118		0.0000	0.000	0.0000
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 23	0.5824	0.914	-0.2100	W 48	0.5954	0.894	-0.1678		0.0000	0.000	0.0000
0.8000	W 24	0.6117	0.868	-0.1125	W 49	0.6214	0.853	-0.0813		0.0000	0.000	0.0000
0.9000	W 25	0.6459	0.815	0.0011	W 50	0.6522	0.806	0.0213		0.0000	0.000	0.0000
2Y/B=.775				2Y/B=.800				2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
0.0000	W 61	0.9329	0.317	0.9549		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0125	W 62	0.7997	0.574	0.5124		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0250	W 63	0.7103	0.716	0.2155		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.0500	W 64	0.5969	0.891	-0.1626		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1000	W 65	0.5276	1.001	-0.3923		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.1500	W 66	0.4900	1.063	-0.5174		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2000	W 67	0.4690	1.099	-0.5871		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.2500	W 68	0.4500	1.132	-0.6502		0.0000	0.000	0.0000	W 96	0.4423	1.146	-0.6758
0.3000	W 69	0.4368	1.155	-0.6940		0.0000	0.000	0.0000	W 97	0.4441	1.142	-0.6700
0.3250	W 70	0.4357	1.157	-0.6976		0.0000	0.000	0.0000	W 98	0.5053	1.038	-0.4664
0.3500	W 71	0.4312	1.165	-0.7126	W 86	0.4391	1.151	-0.6864	W 99	0.5398	0.981	-0.3516
0.3750	W 72	0.4926	1.059	-0.5088	W 87	0.5267	1.003	-0.3952	W 100	0.5417	0.978	-0.3453
0.4000	W 73	0.5413	0.979	-0.3469	W 88	0.5441	0.975	-0.3376	W 101	0.5429	0.976	-0.3414
0.4250	W 74	0.5467	0.970	-0.3289	W 89	0.5451	0.973	-0.3341		0.0000	0.000	0.0000
0.4500	W 75	0.5489	0.967	-0.3216	W 90	0.5493	0.966	-0.3203	W 102	0.5549	0.957	-0.3015
0.4750	W 76	0.5532	0.960	-0.3073	W 91	0.5547	0.958	-0.3022		0.0000	0.000	0.0000
0.5000	W 77	0.5582	0.952	-0.2908	W 92	0.5599	0.949	-0.2851	W 103	0.5669	0.938	-0.2614
0.5250	W 78	0.5633	0.944	-0.2737	W 93	0.5659	0.940	-0.2649		0.0000	0.000	0.0000
0.5500	W 79	0.5688	0.935	-0.2555	W 94	0.5704	0.933	-0.2500	W 104	0.5775	0.922	-0.2264
0.5750	W 80	0.5740	0.927	-0.2380		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6000	W 81	0.5817	0.915	-0.2124	W 95	0.5829	0.913	-0.2085	W 105	0.5886	0.904	-0.1894
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6500	W 82	0.5932	0.897	-0.1744		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.7000	W 83	0.6033	0.881	-0.1408		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.8000	W 84	0.6258	0.847	-0.0660		0.0000	0.000	0.0000		0.0000	0.000	0.0000
0.9000	W 85	0.6482	0.812	0.0084		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE A-V. — WING PRESSURE DATA; ALPHA = -2 DEG — Continued

WING PRESSURE DATA  
 (I) RUN= 132 ALPHA=-2 DEG MINF= 0.815 REC= 8.04E+06  
 PT= 4.71 ATM= 69.3 PSIA TT= 256. DEG K= 460. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9412	0.296	0.9818		0.0000	0.000	0.0000		
0.0125	W 2	0.7817	0.604	0.4512	W 27	0.7955	0.581	0.4970		0.0000	0.000	0.0000		
0.0250	W 3	0.6848	0.756	0.1286	W 28	0.6897	0.748	0.1451		0.0000	0.000	0.0000		
0.0500	W 4	0.5964	0.892	-0.1653	W 29	0.5995	0.887	-0.1558		0.0000	0.000	0.0000		
0.1000	W 5	0.5394	0.982	-0.3550	W 30	0.5323	0.993	-0.3795		0.0000	0.000	0.0000		
0.1500	W 6	0.5220	1.010	-0.4128	W 31	0.5102	1.030	-0.4530		0.0000	0.000	0.0000		
0.2000	W 7	0.5080	1.033	-0.4594	W 32	0.4918	1.060	-0.5143		0.0000	0.000	0.0000		
0.2500	W 8	0.4988	1.049	-0.4902	W 33	0.4772	1.085	-0.5630		0.0000	0.000	0.0000		
0.3000	W 9	0.4935	1.057	-0.5078	W 34	0.4701	1.097	-0.5865		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4817	1.077	-0.5471	W 35	0.4608	1.113	-0.6176	W 51	0.4329	1.162	-0.7103		
0.3750		0.0000	0.000	0.0000	W 36	0.4589	1.116	-0.6237	W 52	0.4638	1.108	-0.6076		
0.4000	W 11	0.4893	1.064	-0.5217	W 37	0.4824	1.076	-0.5455	W 53	0.5381	0.984	-0.3603		
0.4250	W 12	0.4981	1.050	-0.4925	W 38	0.4989	1.048	-0.4906	W 54	0.5485	0.967	-0.3255		
0.4500	W 13	0.5093	1.031	-0.4550	W 39	0.5164	1.019	-0.4324	W 55	0.5504	0.964	-0.3192		
0.4750	W 14	0.5187	1.016	-0.4239	W 40	0.5298	0.998	-0.3879	W 56	0.5544	0.958	-0.3060		
0.5000	W 15	0.5239	1.007	-0.4066	W 41	0.5410	0.979	-0.3505	W 57	0.5586	0.951	-0.2920		
0.5250	W 16	0.5338	0.991	-0.3735	W 42	0.5484	0.968	-0.3258	W 58	0.5647	0.942	-0.2718		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5563	0.955	-0.2997	W 59	0.5711	0.932	-0.2505		
0.5750	W 18	0.5487	0.967	-0.3241	W 44	0.5630	0.944	-0.2775		0.0000	0.000	0.0000		
0.6000	W 19	0.5570	0.954	-0.2965	W 45	0.5701	0.933	-0.2536	W 60	0.5826	0.914	-0.2122		
0.6250	W 20	0.5629	0.945	-0.2768	W 46	0.5772	0.922	-0.2300		0.0000	0.000	0.0000		
0.6500	W 21	0.5702	0.933	-0.2525	W 47	0.5830	0.913	-0.2107		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5831	0.913	-0.2096	W 48	0.5964	0.892	-0.1662		0.0000	0.000	0.0000		
0.8000	W 24	0.6127	0.867	-0.1111	W 49	0.6224	0.852	-0.0797		0.0000	0.000	0.0000		
0.9000	W 25	0.6466	0.814	0.0018	W 50	0.6536	0.804	0.0243		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9320	0.319	0.9512		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7941	0.583	0.4924		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6967	0.737	0.1685		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5901	0.902	-0.1872		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.5215	1.011	-0.4149		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4843	1.073	-0.5388		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4640	1.108	-0.6063		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4460	1.139	-0.6661		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3000	W 69	0.4332	1.162	-0.7088		0.0000	0.000	0.0000	W 96	0.4364	1.156	-0.6981		
0.3250	W 70	0.4320	1.164	-0.7127		0.0000	0.000	0.0000	W 97	0.4427	1.145	-0.6771		
0.3500	W 71	0.4279	1.171	-0.7264	W 86	0.4434	1.144	-0.6747	W 98	0.5122	1.026	-0.4456		
0.3750	W 72	0.5021	1.043	-0.4795	W 87	0.5328	0.993	-0.3775	W 99	0.5409	0.980	-0.3501		
0.4000	W 73	0.5450	0.973	-0.3368	W 88	0.5473	0.969	-0.3290	W100	0.5413	0.979	-0.3486		
0.4250	W 74	0.5497	0.965	-0.3210	W 89	0.5479	0.968	-0.3271	W101	0.5439	0.975	-0.3401		
0.4500	W 75	0.5514	0.963	-0.3155	W 90	0.5518	0.962	-0.3141		0.0000	0.000	0.0000		
0.4750	W 76	0.5550	0.957	-0.3034	W 91	0.5571	0.954	-0.2966	W102	0.5561	0.955	-0.2996		
0.5000	W 77	0.5609	0.948	-0.2839	W 92	0.5625	0.945	-0.2787		0.0000	0.000	0.0000		
0.5250	W 78	0.5662	0.939	-0.2663	W 93	0.5676	0.937	-0.2616	W103	0.5689	0.935	-0.2570		
0.5500	W 79	0.5707	0.932	-0.2511	W 94	0.5723	0.930	-0.2461		0.0000	0.000	0.0000		
0.5750	W 80	0.5759	0.924	-0.2338		0.0000	0.000	0.0000	W104	0.5788	0.920	-0.2240		
0.6000	W 81	0.5837	0.912	-0.2079	W 95	0.5851	0.910	-0.2033	W105	0.5898	0.902	-0.1872		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5951	0.894	-0.1702		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.6052	0.878	-0.1364		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6283	0.843	-0.0596		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6508	0.808	0.0154		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-V. — WING PRESSURE DATA; ALPHA = -2 DEG — Continued

(J) WING PRESSURE DATA  
 RUN= 134 ALPHA=-2 DEG MINF= 0.826 REC= 7.95E+06  
 PT= 4.65 ATM= 68.3 PSIA TT= 256. DEG K= 461. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9410	0.296	0.9890		0.0000	0.000	0.0000		
0.0125	W 2	0.7753	0.614	0.4462	W 27	0.7892	0.592	0.4916		0.0000	0.000	0.0000		
0.0250	W 3	0.6794	0.764	0.1321	W 28	0.6817	0.761	0.1392		0.0000	0.000	0.0000		
0.0500	W 4	0.5904	0.901	-0.1595	W 29	0.5917	0.899	-0.1563		0.0000	0.000	0.0000		
0.1000	W 5	0.5317	0.994	-0.3518	W 30	0.5232	1.008	-0.3808		0.0000	0.000	0.0000		
0.1500	W 6	0.5156	1.021	-0.4044	W 31	0.5015	1.044	-0.4518		0.0000	0.000	0.0000		
0.2000	W 7	0.4955	1.054	-0.4702	W 32	0.4803	1.080	-0.5216		0.0000	0.000	0.0000		
0.2500	W 8	0.4882	1.066	-0.4944	W 33	0.4604	1.114	-0.5868		0.0000	0.000	0.0000		
0.3000	W 9	0.4816	1.077	-0.5159	W 34	0.4562	1.121	-0.6003		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4685	1.100	-0.5588	W 35	0.4448	1.141	-0.6376	W 51	0.4109	1.203	-0.7490		
0.3750		0.0000	0.000	0.0000	W 36	0.4347	1.159	-0.6710	W 52	0.4060	1.212	-0.7650		
0.4000	W 11	0.4720	1.094	-0.5473	W 37	0.4346	1.159	-0.6711	W 53	0.3994	1.224	-0.7867		
0.4250	W 12	0.4848	1.072	-0.5053	W 38	0.4394	1.151	-0.6556	W 54	0.4054	1.213	-0.7671		
0.4500	W 13	0.4993	1.048	-0.4578	W 39	0.4677	1.101	-0.5626	W 55	0.5146	1.022	-0.4091		
0.4750	W 14	0.5062	1.036	-0.4353	W 40	0.4796	1.081	-0.5237	W 56	0.5511	0.963	-0.2893		
0.5000	W 15	0.5142	1.023	-0.4093	W 41	0.4947	1.055	-0.4743	W 57	0.5627	0.945	-0.2511		
0.5250	W 16	0.5190	1.015	-0.3933	W 42	0.5181	1.017	-0.3976	W 58	0.5668	0.938	-0.2379		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.5348	0.989	-0.3428	W 59	0.5687	0.935	-0.2315		
0.5750	W 18	0.5253	1.005	-0.3727	W 44	0.5453	0.973	-0.3084		0.0000	0.000	0.0000		
0.6000	W 19	0.5295	0.998	-0.3589	W 45	0.5544	0.958	-0.2785	W 60	0.5749	0.926	-0.2112		
0.6250	W 20	0.5321	0.994	-0.3504	W 46	0.5624	0.945	-0.2521		0.0000	0.000	0.0000		
0.6500	W 21	0.5389	0.983	-0.3281	W 47	0.5687	0.935	-0.2318		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000	W 48	0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5545	0.958	-0.2772	W 49	0.5824	0.914	-0.1867		0.0000	0.000	0.0000		
0.8000	W 24	0.5888	0.904	-0.1646	W 50	0.6086	0.873	-0.1008		0.0000	0.000	0.0000		
0.9000	W 25	0.6277	0.844	-0.0374	W 50	0.6406	0.824	0.0040		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9334	0.315	0.9641		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7856	0.597	0.4798		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6876	0.752	0.1585		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5850	0.910	-0.1781		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.5135	1.024	-0.4124		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4738	1.091	-0.5425		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4539	1.125	-0.6076		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4332	1.162	-0.6757		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3000	W 69	0.4183	1.189	-0.7246		0.0000	0.000	0.0000	W 96	0.4168	1.192	-0.7292		
0.3250	W 70	0.4136	1.198	-0.7400		0.0000	0.000	0.0000	W 97	0.4172	1.191	-0.7280		
0.3500	W 71	0.4053	1.213	-0.7670	W 86	0.4019	1.220	-0.7781	W 98	0.4152	1.195	-0.7335		
0.3750	W 72	0.4018	1.220	-0.7786	W 87	0.4010	1.221	-0.7810	W 99	0.4151	1.195	-0.7337		
0.4000	W 73	0.3998	1.224	-0.7851	W 88	0.4067	1.211	-0.7623	W100	0.4285	1.170	-0.6898		
0.4250	W 74	0.4325	1.163	-0.6777	W 89	0.4788	1.082	-0.5261	W101	0.5270	1.002	-0.3672		
0.4500	W 75	0.5300	0.997	-0.3582	W 90	0.5444	0.974	-0.3110		0.0000	0.000	0.0000		
0.4750	W 76	0.5559	0.956	-0.2734	W 91	0.5604	0.949	-0.2587	W102	0.5598	0.949	-0.2596		
0.5000	W 77	0.5648	0.942	-0.2444	W 92	0.5651	0.941	-0.2434		0.0000	0.000	0.0000		
0.5250	W 78	0.5673	0.938	-0.2360	W 93	0.5666	0.939	-0.2384	W103	0.5652	0.941	-0.2419		
0.5500	W 79	0.5678	0.937	-0.2345	W 94	0.5685	0.936	-0.2323		0.0000	0.000	0.0000		
0.5750	W 80	0.5699	0.934	-0.2277		0.0000	0.000	0.0000	W104	0.5695	0.934	-0.2278		
0.6000	W 81	0.5749	0.926	-0.2110	W 95	0.5757	0.924	-0.2085		0.0000	0.000	0.0000		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000	W105	0.5784	0.920	-0.1988		
0.6500	W 82	0.5837	0.912	-0.1823		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.5922	0.899	-0.1545		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.6127	0.867	-0.0871		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6309	0.839	-0.0276		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE A-V. — WING PRESSURE DATA; ALPHA = -2 DEG — Concluded

## WING PRESSURE DATA

(K) RUN= 138 ALPHA=-2 DEG MINF= 0.836 REC= 6.00E+06  
 PT= 3.48 ATM= 51.1 PSIA TT= 256. DEG K= 460. DEG R

2Y/B=.250					2Y/B=.500					2Y/B=.750				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 1	0.0000	0.000	0.0000	W 26	0.9408	0.297	0.9962		0.0000	0.000	0.0000		
0.0125	W 2	0.7714	0.620	0.4483	W 27	0.7830	0.602	0.4866		0.0000	0.000	0.0000		
0.0250	W 3	0.6716	0.776	0.1254	W 28	0.6741	0.772	0.1349		0.0000	0.000	0.0000		
0.0500	W 4	0.5785	0.920	-0.1754	W 29	0.5815	0.915	-0.1644		0.0000	0.000	0.0000		
0.1000	W 5	0.5184	1.016	-0.3695	W 30	0.5139	1.023	-0.3827		0.0000	0.000	0.0000		
0.1500	W 6	0.5018	1.043	-0.4232	W 31	0.4906	1.062	-0.4580		0.0000	0.000	0.0000		
0.2000	W 7	0.4851	1.071	-0.4772	W 32	0.4667	1.103	-0.5354		0.0000	0.000	0.0000		
0.2500	W 8	0.4737	1.091	-0.5140	W 33	0.4469	1.137	-0.5992		0.0000	0.000	0.0000		
0.3000	W 9	0.4675	1.102	-0.5342	W 34	0.4394	1.151	-0.6236		0.0000	0.000	0.0000		
0.3250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3500	W 10	0.4515	1.129	-0.5858	W 35	0.4283	1.171	-0.6595	W 51	0.3911	1.240	-0.7795		
0.3750		0.0000	0.000	0.0000	W 36	0.4188	1.188	-0.6900	W 52	0.3846	1.253	-0.8006		
0.4000	W 11	0.4368	1.155	-0.6332	W 37	0.4156	1.194	-0.7005	W 53	0.3770	1.268	-0.8252		
0.4250	W 12	0.4417	1.147	-0.6174	W 38	0.4069	1.210	-0.7283	W 54	0.3756	1.270	-0.8295		
0.4500	W 13	0.4440	1.143	-0.6100	W 39	0.4079	1.208	-0.7254	W 55	0.3720	1.278	-0.8411		
0.4750	W 14	0.4477	1.136	-0.5981	W 40	0.4071	1.210	-0.7278	W 56	0.3715	1.279	-0.8428		
0.5000	W 15	0.4476	1.136	-0.5984	W 41	0.4079	1.208	-0.7251	W 57	0.3722	1.277	-0.8407		
0.5250	W 16	0.4453	1.140	-0.6058	W 42	0.4089	1.206	-0.7220	W 58	0.3899	1.242	-0.7833		
0.5500	W 17	0.0000	0.000	0.0000	W 43	0.4099	1.205	-0.7187	W 59	0.4912	1.061	-0.4563		
0.5750	W 18	0.4421	1.146	-0.6161	W 44	0.4100	1.204	-0.7184		0.0000	0.000	0.0000		
0.6000	W 19	0.4412	1.148	-0.6193	W 45	0.4157	1.194	-0.7002	W 60	0.5592	0.950	-0.2365		
0.6250	W 20	0.4437	1.143	-0.6110	W 46	0.4783	1.083	-0.4978		0.0000	0.000	0.0000		
0.6500	W 21	0.4506	1.131	-0.5886	W 47	0.5345	0.990	-0.3163		0.0000	0.000	0.0000		
0.6750	W 22	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 23	0.5292	0.999	-0.3348	W 48	0.5701	0.933	-0.2013		0.0000	0.000	0.0000		
0.8000	W 24	0.5791	0.919	-0.1733	W 49	0.5974	0.890	-0.1132		0.0000	0.000	0.0000		
0.9000	W 25	0.6152	0.863	-0.0568	W 50	0.6193	0.857	-0.0425		0.0000	0.000	0.0000		

2Y/B=.775					2Y/B=.800					2Y/B=.900				
X/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
0.0000	W 61	0.9326	0.317	0.9696		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0125	W 62	0.7759	0.613	0.4638		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0250	W 63	0.6724	0.775	0.1295		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.0500	W 64	0.5761	0.924	-0.1820		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1000	W 65	0.5094	1.031	-0.3982		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.1500	W 66	0.4656	1.105	-0.5397		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2000	W 67	0.4439	1.143	-0.6099		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.2500	W 68	0.4213	1.184	-0.6830		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.3000	W 69	0.4014	1.221	-0.7471		0.0000	0.000	0.0000	W 96	0.3994	1.224	-0.7537		
0.3250	W 70	0.3961	1.231	-0.7644		0.0000	0.000	0.0000	W 97	0.3965	1.230	-0.7629		
0.3500	W 71	0.3858	1.251	-0.7977	W 86	0.0000	0.000	0.0000	W 98	0.3929	1.237	-0.7751		
0.3750	W 72	0.3793	1.263	-0.8187	W 87	0.3759	1.270	-0.8296	W 99	0.3912	1.240	-0.7808		
0.4000	W 73	0.3736	1.274	-0.8370	W 88	0.3751	1.271	-0.8320	W100	0.3872	1.248	-0.7937		
0.4250	W 74	0.3734	1.275	-0.8378	W 89	0.3757	1.270	-0.8303	W101	0.3850	1.252	-0.8006		
0.4500	W 75	0.3753	1.271	-0.8314	W 90	0.3780	1.266	-0.8226		0.0000	0.000	0.0000		
0.4750	W 76	0.3774	1.267	-0.8249	W 91	0.3793	1.263	-0.8187	W102	0.3873	1.248	-0.7934		
0.5000	W 77	0.3780	1.266	-0.8229	W 92	0.3828	1.256	-0.8072	W103	0.5207	1.012	-0.3621		
0.5250	W 78	0.4181	1.189	-0.6933	W 93	0.4604	1.114	-0.5567		0.0000	0.000	0.0000		
0.5500	W 79	0.5055	1.037	-0.4109	W 94	0.5296	0.998	-0.3330	W104	0.5700	0.933	-0.2028		
0.5750	W 80	0.5443	0.974	-0.2853		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6000	W 81	0.5636	0.943	-0.2232	W 95	0.5696	0.934	-0.2035	W105	0.5808	0.916	-0.1679		
0.6250		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6500	W 82	0.5827	0.913	-0.1612		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.6750		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.7000	W 83	0.5889	0.904	-0.1412		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.8000	W 84	0.5963	0.892	-0.1173		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
0.9000	W 85	0.6019	0.883	-0.0994		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

# APPENDIX B

## TABULATED WING MOUNTING BLOCK PRESSURE DATA

$$2Y/B = 0$$

Table		Page
B-I	WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 0 DEG . . . . .	162
B-II	WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 1 DEG . . . . .	168
B-III	WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 2 DEG . . . . .	171

TABLE B-I. — WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 0 DEG

(A) RUN= 88 ALPHA= 0 DEG MINF=0.501 REC= 2.03E+06  
PT= 1.70 ATM= 25.0 PSIA TT= 263. DEG K= 474. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.8514	0.485	0.0590
0.0	0.2	M 2	0.8454	0.496	0.0179
0.2	0.2	M 3	0.8180	0.543	-0.1671
0.4	0.2	M 4	0.8087	0.559	-0.2303
0.6	0.2	M 5	0.8167	0.546	-0.1758
-0.2	0.1	M 6	0.8554	0.478	0.0862
0.0	0.1	M 7	0.8550	0.478	0.0831
0.2	0.1	M 8	0.8061	0.564	-0.2477
0.4	0.1	M 9	0.8038	0.567	-0.2634
0.6	0.1	M 10	0.8143	0.550	-0.1919
-0.3	0.0	M 12	0.8516	0.485	0.0604
-0.2	0.0	M 13	0.8579	0.473	0.1025
-0.1	0.0	M 14	0.8712	0.448	0.1927
-0.2	-0.1	M 15	0.8565	0.476	0.0934
0.0	-0.1	M 16	0.8610	0.467	0.1235
0.2	-0.1	M 17	0.8100	0.557	-0.2210
0.4	-0.1	M 18	0.8034	0.568	-0.2658
0.6	-0.1	M 19	0.8000	0.000	0.0000
-0.2	-0.2	M 20	0.8522	0.484	0.0643
0.0	-0.2	M 21	0.8450	0.496	0.0158
0.2	-0.2	M 22	0.8213	0.538	-0.1450
0.4	-0.2	M 23	0.8104	0.556	-0.2184
0.6	-0.2	M 24	0.8000	0.000	0.0000

(B) RUN= 91 ALPHA= 0 DEG MINF=0.500 REC= 4.00E+06  
PT= 3.27 ATM= 48.0 PSIA TT= 257. DEG K= 463. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.8516	0.485	0.0585
0.0	0.2	M 2	0.8472	0.492	0.0288
0.2	0.2	M 3	0.8179	0.544	-0.1703
0.4	0.2	M 4	0.8113	0.555	-0.2147
0.6	0.2	M 5	0.8184	0.543	-0.1664
-0.2	0.1	M 6	0.8561	0.476	0.0891
0.0	0.1	M 7	0.8572	0.474	0.0963
0.2	0.1	M 8	0.8058	0.564	-0.2522
0.4	0.1	M 9	0.8045	0.566	-0.2607
0.6	0.1	M 10	0.8151	0.548	-0.1887
-0.3	0.0	M 12	0.8525	0.483	0.0646
-0.2	0.0	M 13	0.8586	0.472	0.1056
-0.1	0.0	M 14	0.8732	0.444	0.2047
-0.2	-0.1	M 15	0.8573	0.474	0.0967
0.0	-0.1	M 16	0.8597	0.470	0.1132
0.2	-0.1	M 17	0.8079	0.561	-0.2381
0.4	-0.1	M 18	0.8024	0.570	-0.2750
0.6	-0.1	M 19	0.8000	0.000	0.0000
-0.2	-0.2	M 20	0.8527	0.483	0.0660
0.0	-0.2	M 21	0.8462	0.494	0.0215
0.2	-0.2	M 22	0.8208	0.539	-0.1504
0.4	-0.2	M 23	0.8104	0.556	-0.2205
0.6	-0.2	M 24	0.8000	0.000	0.0000

(C) RUN= 89 ALPHA= 0 DEG MINF=0.499 REC= 5.81E+06  
PT= 4.76 ATM= 69.9 PSIA TT= 257. DEG K= 463. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.8518	0.484	0.0540
0.0	0.2	M 2	0.8475	0.492	0.0248
0.2	0.2	M 3	0.8188	0.542	-0.1705
0.4	0.2	M 4	0.8119	0.554	-0.2176
0.6	0.2	M 5	0.8202	0.540	-0.1610
-0.2	0.1	M 6	0.8573	0.474	0.0913
0.0	0.1	M 7	0.8596	0.470	0.1071
0.2	0.1	M 8	0.8066	0.563	-0.2539
0.4	0.1	M 9	0.8049	0.566	-0.2656
0.6	0.1	M 10	0.8158	0.547	-0.1913
-0.3	0.0	M 12	0.8534	0.481	0.0649
-0.2	0.0	M 13	0.8596	0.470	0.1069
-0.1	0.0	M 14	0.8725	0.446	0.1953
-0.2	-0.1	M 15	0.8583	0.472	0.0985
0.0	-0.1	M 16	0.8606	0.468	0.1141
0.2	-0.1	M 17	0.8084	0.560	-0.2419
0.4	-0.1	M 18	0.8030	0.569	-0.2787
0.6	-0.1	M 19	0.8000	0.000	0.0000
-0.2	-0.2	M 20	0.8536	0.481	0.0664
0.0	-0.2	M 21	0.8488	0.490	0.0338
0.2	-0.2	M 22	0.8209	0.538	-0.1562
0.4	-0.2	M 23	0.8113	0.555	-0.2218
0.6	-0.2	M 24	0.8000	0.000	0.0000

(D) RUN= 87 ALPHA= 0 DEG MINF=0.602 REC= 5.78E+06  
PT= 4.20 ATM= 61.8 PSIA TT= 262. DEG K= 471. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.7958	0.581	0.0654
0.0	0.2	M 2	0.7890	0.592	0.0312
0.2	0.2	M 3	0.7446	0.663	-0.1927
0.4	0.2	M 4	0.7349	0.678	-0.2418
0.6	0.2	M 5	0.7448	0.663	-0.1919
-0.2	0.1	M 6	0.8019	0.571	0.0960
0.0	0.1	M 7	0.8049	0.566	0.1108
0.2	0.1	M 8	0.7271	0.690	-0.2807
0.4	0.1	M 9	0.7240	0.695	-0.2967
0.6	0.1	M 10	0.7399	0.670	-0.2165
-0.3	0.0	M 12	0.7973	0.578	0.0729
-0.2	0.0	M 13	0.8057	0.564	0.1152
-0.1	0.0	M 14	0.8242	0.533	0.2084
-0.2	-0.1	M 15	0.8043	0.566	0.1082
0.0	-0.1	M 16	0.8095	0.558	0.1343
0.2	-0.1	M 17	0.7328	0.682	-0.2524
0.4	-0.1	M 18	0.7224	0.698	-0.3045
0.6	-0.1	M 19	0.8000	0.000	0.0000
-0.2	-0.2	M 20	0.7975	0.578	0.0739
0.0	-0.2	M 21	0.7906	0.589	0.0389
0.2	-0.2	M 22	0.7491	0.656	-0.1702
0.4	-0.2	M 23	0.7330	0.681	-0.2511
0.6	-0.2	M 24	0.8000	0.000	0.0000

TABLE B-I. — WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 0 DEG — Continued

(E) RUN= 86 ALPHA= 0 DEG MINF=0.695 REC= 5.90E+06  
PT= 3.88 ATM= 57.1 PSIA TT= 261. DEG K= 470. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.7440	0.664	0.0799
0.0	0.2	M 2	0.7367	0.675	0.0500
0.2	0.2	M 3	0.6727	0.774	-0.2115
0.4	0.2	M 4	0.6544	0.802	-0.2863
0.6	0.2	M 5	0.6674	0.783	-0.2333
-0.2	0.1	M 6	0.7521	0.651	0.1130
0.0	0.1	M 7	0.7591	0.640	0.1415
0.2	0.1	M 8	0.6500	0.809	-0.3044
0.4	0.1	M 9	0.6410	0.823	-0.3410
0.6	0.1	M 10	0.6634	0.789	-0.2495
-0.3	0.0	M 12	0.7443	0.664	0.0810
0.0	0.0	M 13	0.7566	0.644	0.1315
-0.1	0.0	M 14	0.7797	0.607	0.2257
-0.2	-0.1	M 15	0.7538	0.648	0.1202
0.0	-0.1	M 16	0.7615	0.636	0.1516
0.2	-0.1	M 17	0.6539	0.803	-0.2884
0.4	-0.1	M 18	0.6361	0.831	-0.3611
0.6	-0.1	M 19	0.6000	0.900	0.0000
-0.2	-0.2	M 20	0.7441	0.664	0.0802
0.0	-0.2	M 21	0.7358	0.677	0.0463
0.2	-0.2	M 22	0.6734	0.773	-0.2086
0.4	-0.2	M 23	0.6524	0.806	-0.2945
0.6	-0.2	M 24	0.6000	0.900	0.0000

(F) RUN= 98 ALPHA= 0 DEG MINF=0.755 REC= 7.91E+06  
PT= 4.89 ATM= 71.9 PSIA TT= 258. DEG K= 465. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.7092	0.718	0.0880
0.0	0.2	M 2	0.7028	0.728	0.0649
0.2	0.2	M 3	0.6201	0.855	-0.2374
0.4	0.2	M 4	0.5924	0.898	-0.3387
0.6	0.2	M 5	0.6152	0.863	-0.2554
-0.2	0.1	M 6	0.7200	0.701	0.1274
0.0	0.1	M 7	0.7208	0.688	0.1599
0.2	0.1	M 8	0.5938	0.896	-0.3336
0.4	0.1	M 9	0.5766	0.923	-0.3966
0.6	0.1	M 10	0.6057	0.877	-0.2901
-0.3	0.0	M 12	0.7093	0.718	0.0884
-0.2	0.0	M 13	0.7239	0.695	0.1419
-0.1	0.0	M 14	0.7572	0.643	0.2634
-0.2	-0.1	M 15	0.7212	0.700	0.1320
0.0	-0.1	M 16	0.7347	0.679	0.1813
0.2	-0.1	M 17	0.6017	0.884	-0.3047
0.4	-0.1	M 18	0.5684	0.936	-0.4265
0.6	-0.1	M 19	0.6000	0.900	0.0000
-0.2	-0.2	M 20	0.7132	0.712	0.1029
0.0	-0.2	M 21	0.7084	0.719	0.0851
0.2	-0.2	M 22	0.6280	0.843	-0.2088
0.4	-0.2	M 23	0.5879	0.905	-0.3554
0.6	-0.2	M 24	0.6000	0.900	0.0000

(G) RUN= 97 ALPHA= 0 DEG MINF=0.764 REC= 7.89E+06  
PT= 4.86 ATM= 71.4 PSIA TT= 258. DEG K= 465. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.7051	0.725	0.0920
0.0	0.2	M 2	0.6987	0.734	0.0687
0.2	0.2	M 3	0.6124	0.867	-0.2420
0.4	0.2	M 4	0.5812	0.916	-0.3547
0.6	0.2	M 5	0.6039	0.880	-0.2728
-0.2	0.1	M 6	0.7153	0.709	0.1286
0.0	0.1	M 7	0.7253	0.693	0.1647
0.2	0.1	M 8	0.5847	0.910	-0.3417
0.4	0.1	M 9	0.5644	0.942	-0.4152
0.6	0.1	M 10	0.5954	0.893	-0.3032
-0.3	0.0	M 12	0.7046	0.725	0.0900
-0.2	0.0	M 13	0.7199	0.702	0.1452
-0.1	0.0	M 14	0.7495	0.655	0.2520
-0.2	-0.1	M 15	0.7171	0.706	0.1352
0.0	-0.1	M 16	0.7308	0.685	0.1845
0.2	-0.1	M 17	0.5937	0.896	-0.3096
0.4	-0.1	M 18	0.5585	0.952	-0.4364
0.6	-0.1	M 19	0.6000	0.900	0.0000
-0.2	-0.2	M 20	0.7058	0.723	0.0944
0.0	-0.2	M 21	0.6970	0.737	0.0626
0.2	-0.2	M 22	0.6190	0.857	-0.2184
0.4	-0.2	M 23	0.5786	0.920	-0.3640
0.6	-0.2	M 24	0.6000	0.900	0.0000

(H) RUN= 94 ALPHA= 0 DEG MINF=0.774 REC= 7.97E+06  
PT= 4.83 ATM= 71.1 PSIA TT= 257. DEG K= 463. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6994	0.733	0.0945
0.0	0.2	M 2	0.6935	0.742	0.0733
0.2	0.2	M 3	0.6024	0.883	-0.2491
0.4	0.2	M 4	0.5677	0.937	-0.3721
0.6	0.2	M 5	0.5960	0.893	-0.2719
-0.2	0.1	M 6	0.7097	0.717	0.1307
0.0	0.1	M 7	0.7212	0.700	0.1715
0.2	0.1	M 8	0.5754	0.925	-0.3450
0.4	0.1	M 9	0.5494	0.966	-0.4368
0.6	0.1	M 10	0.5839	0.911	-0.3147
-0.3	0.0	M 12	0.6984	0.735	0.0909
-0.2	0.0	M 13	0.7141	0.711	0.1462
-0.1	0.0	M 14	0.7431	0.665	0.2490
-0.2	-0.1	M 15	0.7116	0.714	0.1375
0.0	-0.1	M 16	0.7244	0.695	0.1829
0.2	-0.1	M 17	0.5861	0.908	-0.3068
0.4	-0.1	M 18	0.5442	0.974	-0.4554
0.6	-0.1	M 19	0.6000	0.900	0.0000
-0.2	-0.2	M 20	0.7022	0.729	0.1044
0.0	-0.2	M 21	0.6965	0.738	0.0842
0.2	-0.2	M 22	0.6118	0.868	-0.2158
0.4	-0.2	M 23	0.5649	0.941	-0.3822
0.6	-0.2	M 24	0.6000	0.900	0.0000

TABLE B-I. — WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 0 DEG — Continued

(I) RUN= 96 ALPHA= 0 DEG MINF=0.785 REC= 7.82E+06  
PT= 4.75 ATM= 69.8 PSIA TT= 259. DEG K= 466. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6932	0.743	0.0957
0.0	0.2	M 2	0.6886	0.750	0.0795
0.2	0.2	M 3	0.5941	0.896	-0.2496
0.4	0.2	M 4	0.5523	0.961	-0.3950
0.6	0.2	M 5	0.5815	0.915	-0.2934
-0.2	0.1	M 6	0.7042	0.726	0.1338
0.0	0.1	M 7	0.7179	0.705	0.1816
0.2	0.1	M 8	0.5653	0.941	-0.3498
0.4	0.1	M 9	0.5315	0.995	-0.4673
0.6	0.1	M 10	0.5706	0.932	-0.3313
-0.3	0.0	M 12	0.6919	0.745	0.0911
-0.2	0.0	M 13	0.7093	0.718	0.1515
-0.1	0.0	M 14	0.7384	0.673	0.2529
-0.2	-0.1	M 15	0.7063	0.723	0.1412
0.0	-0.1	M 16	0.7199	0.702	0.1887
0.2	-0.1	M 17	0.5732	0.928	-0.3221
0.4	-0.1	M 18	0.5226	1.009	-0.4984
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6956	0.739	0.1040
0.0	-0.2	M 21	0.6902	0.748	0.0850
0.2	-0.2	M 22	0.6006	0.885	-0.2269
0.4	-0.2	M 23	0.5458	0.972	-0.4176
0.6	-0.2	M 24	0.0000	0.000	0.0000

(J) RUN= 93 ALPHA= 0 DEG MINF=0.795 REC= 7.99E+06  
PT= 4.78 ATM= 70.2 PSIA TT= 257. DEG K= 463. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6886	0.750	0.1006
0.0	0.2	M 2	0.6846	0.756	0.0869
0.2	0.2	M 3	0.5880	0.905	-0.2441
0.4	0.2	M 4	0.5377	0.985	-0.4167
0.6	0.2	M 5	0.5695	0.934	-0.3077
-0.2	0.1	M 6	0.6995	0.733	0.1381
0.0	0.1	M 7	0.7138	0.711	0.1872
0.2	0.1	M 8	0.5600	0.949	-0.3400
0.4	0.1	M 9	0.5159	1.020	-0.4915
0.6	0.1	M 10	0.5593	0.950	-0.3427
-0.3	0.0	M 12	0.6871	0.752	0.0956
-0.2	0.0	M 13	0.7041	0.726	0.1538
-0.1	0.0	M 14	0.7338	0.680	0.2555
-0.2	-0.1	M 15	0.7010	0.731	0.1431
0.0	-0.1	M 16	0.7147	0.710	0.1902
0.2	-0.1	M 17	0.5681	0.936	-0.3125
0.4	-0.1	M 18	0.5105	1.029	-0.5101
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6904	0.747	0.1069
0.0	-0.2	M 21	0.6858	0.754	0.0911
0.2	-0.2	M 22	0.5926	0.898	-0.2283
0.4	-0.2	M 23	0.5341	0.991	-0.4289
0.6	-0.2	M 24	0.0000	0.000	0.0000

(K) RUN= 95 ALPHA= 0 DEG MINF=0.804 REC= 7.84E+06  
PT= 4.72 ATM= 69.4 PSIA TT= 260. DEG K= 467. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6840	0.757	0.1052
0.0	0.2	M 2	0.6786	0.765	0.0872
0.2	0.2	M 3	0.5791	0.919	-0.2488
0.4	0.2	M 4	0.5215	1.011	-0.4435
0.6	0.2	M 5	0.5556	0.956	-0.3285
-0.2	0.1	M 6	0.6948	0.740	0.1418
0.0	0.1	M 7	0.7063	0.723	0.1807
0.2	0.1	M 8	0.5507	0.964	-0.3448
0.4	0.1	M 9	0.5004	1.046	-0.5147
0.6	0.1	M 10	0.5439	0.975	-0.3677
-0.3	0.0	M 12	0.6824	0.759	0.1001
-0.2	0.0	M 13	0.6997	0.733	0.1584
-0.1	0.0	M 14	0.7358	0.677	0.2803
-0.2	-0.1	M 15	0.6976	0.736	0.1512
0.0	-0.1	M 16	0.7152	0.709	0.2108
0.2	-0.1	M 17	0.5645	0.942	-0.2983
0.4	-0.1	M 18	0.4989	1.048	-0.5199
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6872	0.752	0.1161
0.0	-0.2	M 21	0.6821	0.760	0.0988
0.2	-0.2	M 22	0.5885	0.904	-0.2172
0.4	-0.2	M 23	0.5209	1.012	-0.4456
0.6	-0.2	M 24	0.0000	0.000	0.0000

(L) RUN= 83 ALPHA= 0 DEG MINF=0.819 REC= 1.94E+06  
PT= 1.16 ATM= 17.0 PSIA TT= 260. DEG K= 467. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6739	0.773	0.1017
0.0	0.2	M 2	0.6687	0.780	0.0846
0.2	0.2	M 3	0.5712	0.931	-0.2377
0.4	0.2	M 4	0.5046	1.039	-0.4580
0.6	0.2	M 5	0.5087	1.032	-0.4443
-0.2	0.1	M 6	0.6836	0.758	0.1336
0.0	0.1	M 7	0.6943	0.741	0.1692
0.2	0.1	M 8	0.5449	0.973	-0.3248
0.4	0.1	M 9	0.4827	1.076	-0.5303
0.6	0.1	M 10	0.4950	1.055	-0.4897
-0.3	0.0	M 12	0.6731	0.774	0.0989
-0.2	0.0	M 13	0.6907	0.747	0.1572
-0.1	0.0	M 14	0.7173	0.706	0.2452
-0.2	-0.1	M 15	0.6846	0.756	0.1370
0.0	-0.1	M 16	0.7000	0.732	0.1881
0.2	-0.1	M 17	0.5569	0.954	-0.2849
0.4	-0.1	M 18	0.4859	1.070	-0.5198
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6762	0.769	0.1093
0.0	-0.2	M 21	0.6739	0.773	0.1015
0.2	-0.2	M 22	0.5809	0.916	-0.2057
0.4	-0.2	M 23	0.5087	1.032	-0.4444
0.6	-0.2	M 24	0.0000	0.000	0.0000

TABLE B-I. — WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 0 DEG — Continued

(M) RUN= 84 ALPHA= 0 DEG MINF=0.816 REC= 3.99E+06  
PT= 2.38 ATM= 35.0 PSIA TT= 259. DEG K= 466. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6774	0.767	0.1067
0.0	0.2	M 2	0.6718	0.776	0.0881
0.2	0.2	M 3	0.5712	0.931	-0.2458
0.4	0.2	M 4	0.5054	1.038	-0.4645
0.6	0.2	M 5	0.5197	1.014	-0.4169
-0.2	0.1	M 6	0.6877	0.751	0.1409
0.0	0.1	M 7	0.7006	0.731	0.1838
0.2	0.1	M 8	0.5435	0.976	-0.3380
0.4	0.1	M 9	0.4854	1.071	-0.5307
0.6	0.1	M 10	0.5105	1.029	-0.4473
-0.3	0.0	M 12	0.6765	0.769	0.1037
-0.2	0.0	M 13	0.6928	0.744	0.1578
-0.1	0.0	M 14	0.7257	0.693	0.2672
-0.2	-0.1	M 15	0.6908	0.747	0.1514
0.0	-0.1	M 16	0.7063	0.723	0.2028
0.2	-0.1	M 17	0.5568	0.954	-0.2937
0.4	-0.1	M 18	0.4860	1.070	-0.5289
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6798	0.764	0.1147
0.0	-0.2	M 21	0.6769	0.768	0.1052
0.2	-0.2	M 22	0.5821	0.914	-0.2095
0.4	-0.2	M 23	0.5090	1.032	-0.4524
0.6	-0.2	M 24	0.0000	0.000	0.0000

(N) RUN= 85 ALPHA= 0 DEG MINF=0.816 REC= 6.05E+06  
PT= 3.62 ATM= 53.2 PSIA TT= 260. DEG K= 468. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6783	0.766	0.1083
0.0	0.2	M 2	0.6751	0.771	0.0979
0.2	0.2	M 3	0.5736	0.928	-0.2394
0.4	0.2	M 4	0.5063	1.036	-0.4631
0.6	0.2	M 5	0.5219	1.010	-0.4114
-0.2	0.1	M 6	0.6898	0.748	0.1468
0.0	0.1	M 7	0.7047	0.725	0.1962
0.2	0.1	M 8	0.5452	0.973	-0.3339
0.4	0.1	M 9	0.4874	1.068	-0.5261
0.6	0.1	M 10	0.5108	1.029	-0.4483
-0.3	0.0	M 12	0.6762	0.769	0.1016
-0.2	0.0	M 13	0.6940	0.742	0.1607
-0.1	0.0	M 14	0.7285	0.688	0.2753
-0.2	-0.1	M 15	0.6913	0.746	0.1518
0.0	-0.1	M 16	0.7065	0.722	0.2022
0.2	-0.1	M 17	0.5555	0.956	-0.2998
0.4	-0.1	M 18	0.4866	1.069	-0.5287
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6807	0.762	0.1164
0.0	-0.2	M 21	0.6757	0.770	0.0998
0.2	-0.2	M 22	0.5818	0.915	-0.2124
0.4	-0.2	M 23	0.5091	1.031	-0.4538
0.6	-0.2	M 24	0.0000	0.000	0.0000

(O) RUN= 82 ALPHA= 0 DEG MINF=0.815 REC= 7.96E+06  
PT= 4.68 ATM= 68.8 PSIA TT= 256. DEG K= 461. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6799	0.763	0.1131
0.0	0.2	M 2	0.6761	0.769	0.1006
0.2	0.2	M 3	0.5737	0.928	-0.2400
0.4	0.2	M 4	0.5079	1.033	-0.4588
0.6	0.2	M 5	0.5251	1.005	-0.4017
-0.2	0.1	M 6	0.6904	0.747	0.1480
0.0	0.1	M 7	0.7056	0.724	0.1985
0.2	0.1	M 8	0.5458	0.972	-0.3327
0.4	0.1	M 9	0.4881	1.066	-0.5247
0.6	0.1	M 10	0.5145	1.022	-0.4367
-0.3	0.0	M 12	0.6773	0.767	0.1046
-0.2	0.0	M 13	0.6950	0.740	0.1634
-0.1	0.0	M 14	0.7296	0.686	0.2785
-0.2	-0.1	M 15	0.6923	0.744	0.1545
0.0	-0.1	M 16	0.7083	0.720	0.2077
0.2	-0.1	M 17	0.5558	0.956	-0.2996
0.4	-0.1	M 18	0.4873	1.068	-0.5274
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6813	0.761	0.1179
0.0	-0.2	M 21	0.6780	0.766	0.1070
0.2	-0.2	M 22	0.5837	0.912	-0.2068
0.4	-0.2	M 23	0.5104	1.029	-0.4505
0.6	-0.2	M 24	0.0000	0.000	0.0000

(P) RUN=163-2 ALPHA= 0 DEG MINF=0.829 REC= 1.96E+06  
PT= 1.16 ATM= 17.1 PSIA TT= 259. DEG K= 467. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6708	0.777	0.1094
0.0	0.2	M 2	0.6638	0.788	0.0865
0.2	0.2	M 3	0.5673	0.938	-0.2282
0.4	0.2	M 4	0.4962	1.053	-0.4603
0.6	0.2	M 5	0.4699	1.097	-0.5461
-0.2	0.1	M 6	0.6811	0.762	0.1429
0.0	0.1	M 7	0.6900	0.748	0.1721
0.2	0.1	M 8	0.5387	0.983	-0.3218
0.4	0.1	M 9	0.4759	1.087	-0.5267
0.6	0.1	M 10	0.4562	1.121	-0.5908
-0.3	0.0	M 12	0.6695	0.779	0.1053
-0.2	0.0	M 13	0.6862	0.754	0.1598
-0.1	0.0	M 14	0.7140	0.711	0.2505
-0.2	-0.1	M 15	0.6823	0.760	0.1470
0.0	-0.1	M 16	0.6988	0.734	0.2006
0.2	-0.1	M 17	0.5587	0.951	-0.2563
0.4	-0.1	M 18	0.4843	1.073	-0.4991
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6743	0.772	0.1208
0.0	-0.2	M 21	0.6707	0.778	0.1089
0.2	-0.2	M 22	0.5799	0.918	-0.1872
0.4	-0.2	M 23	0.5061	1.036	-0.4280
0.6	-0.2	M 24	0.0000	0.000	0.0000

TABLE B-I. — WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 0 DEG — Continued

(Q) RUN=162 ALPHA= 0 DEG MINF=0.828 REC= 3.94E+06  
PT= 2.31 ATM= 34.0 PSIA TT= 257. DEG K= 463. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6736	0.773	0.1161
0.0	0.2	M 2	0.6684	0.781	0.0990
0.2	0.2	M 3	0.5653	0.941	-0.2381
0.4	0.2	M 4	0.4961	1.053	-0.4640
0.6	0.2	M 5	0.4701	1.097	-0.5492
-0.2	0.1	M 6	0.6827	0.759	0.1460
0.0	0.1	M 7	0.6974	0.736	0.1941
0.2	0.1	M 8	0.5376	0.985	-0.3283
0.4	0.1	M 9	0.4760	1.087	-0.5300
0.6	0.1	M 10	0.4559	1.122	-0.5957
-0.3	0.0	M 12	0.6693	0.780	0.1021
-0.2	0.0	M 13	0.6880	0.751	0.1632
-0.1	0.0	M 14	0.7283	0.701	0.2689
-0.2	-0.1	M 15	0.6846	0.756	0.1522
0.0	-0.1	M 16	0.7018	0.730	0.2083
0.2	-0.1	M 17	0.5522	0.962	-0.2807
0.4	-0.1	M 18	0.4809	1.079	-0.5138
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6744	0.772	0.1188
0.0	-0.2	M 21	0.6701	0.778	0.1048
0.2	-0.2	M 22	0.5769	0.923	-0.2001
0.4	-0.2	M 23	0.5011	1.045	-0.4477
0.6	-0.2	M 24	0.0000	0.000	0.0000

(R) RUN=161 ALPHA= 0 DEG MINF=0.827 REC= 5.93E+06  
PT= 3.46 ATM= 50.9 PSIA TT= 256. DEG K= 462. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6758	0.770	0.1221
0.0	0.2	M 2	0.6717	0.776	0.1087
0.2	0.2	M 3	0.5667	0.938	-0.2346
0.4	0.2	M 4	0.4983	1.049	-0.4586
0.6	0.2	M 5	0.4713	1.095	-0.5468
-0.2	0.1	M 6	0.6850	0.756	0.1523
0.0	0.1	M 7	0.7020	0.729	0.2078
0.2	0.1	M 8	0.5386	0.983	-0.3265
0.4	0.1	M 9	0.4776	1.084	-0.5261
0.6	0.1	M 10	0.4596	1.115	-0.5851
-0.3	0.0	M 12	0.6706	0.778	0.1052
-0.2	0.0	M 13	0.6890	0.749	0.1654
-0.1	0.0	M 14	0.7247	0.694	0.2820
-0.2	-0.1	M 15	0.6862	0.754	0.1564
0.0	-0.1	M 16	0.7028	0.728	0.2104
0.2	-0.1	M 17	0.5494	0.966	-0.2914
0.4	-0.1	M 18	0.4808	1.079	-0.5156
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6750	0.771	0.1196
0.0	-0.2	M 21	0.6699	0.779	0.1031
0.2	-0.2	M 22	0.5761	0.924	-0.2039
0.4	-0.2	M 23	0.5022	1.043	-0.4456
0.6	-0.2	M 24	0.0000	0.000	0.0000

(S) RUN=159 ALPHA= 0 DEG MINF=0.825 REC= 8.06E+06  
PT= 4.70 ATM= 69.1 PSIA TT= 256. DEG K= 460. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6758	0.770	0.1168
0.0	0.2	M 2	0.6723	0.775	0.1052
0.2	0.2	M 3	0.5677	0.937	-0.2384
0.4	0.2	M 4	0.4984	1.049	-0.4661
0.6	0.2	M 5	0.4760	1.087	-0.5396
-0.2	0.1	M 6	0.6863	0.754	0.1511
0.0	0.1	M 7	0.7019	0.729	0.2025
0.2	0.1	M 8	0.5404	0.980	-0.3281
0.4	0.1	M 9	0.4779	1.084	-0.5334
0.6	0.1	M 10	0.4603	1.114	-0.5912
-0.3	0.0	M 12	0.6716	0.776	0.1029
-0.2	0.0	M 13	0.6901	0.748	0.1638
-0.1	0.0	M 14	0.7285	0.688	0.2897
-0.2	-0.1	M 15	0.6866	0.753	0.1522
0.0	-0.1	M 16	0.7078	0.720	0.2217
0.2	-0.1	M 17	0.5508	0.964	-0.2939
0.4	-0.1	M 18	0.4822	1.076	-0.5191
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6777	0.767	0.1230
0.0	-0.2	M 21	0.6759	0.769	0.1172
0.2	-0.2	M 22	0.5777	0.921	-0.2053
0.4	-0.2	M 23	0.5032	1.041	-0.4500
0.6	-0.2	M 24	0.0000	0.000	0.0000

(T) RUN=163-1 ALPHA= 0 DEG MINF=0.840 REC= 1.90E+06  
PT= 1.14 ATM= 16.7 PSIA TT= 263. DEG K= 473. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6679	0.782	0.1211
0.0	0.2	M 2	0.6644	0.787	0.1097
0.2	0.2	M 3	0.5648	0.942	-0.2107
0.4	0.2	M 4	0.4920	1.060	-0.4447
0.6	0.2	M 5	0.4459	1.139	-0.5930
-0.2	0.1	M 6	0.6772	0.767	0.1508
0.0	0.1	M 7	0.6910	0.746	0.1954
0.2	0.1	M 8	0.5367	0.986	-0.3009
0.4	0.1	M 9	0.4713	1.095	-0.5113
0.6	0.1	M 10	0.4404	1.149	-0.6107
-0.3	0.0	M 12	0.6643	0.787	0.1093
-0.2	0.0	M 13	0.6825	0.759	0.1680
-0.1	0.0	M 14	0.7122	0.713	0.2635
-0.2	-0.1	M 15	0.6797	0.764	0.1589
0.0	-0.1	M 16	0.6941	0.741	0.2052
0.2	-0.1	M 17	0.5498	0.965	-0.2589
0.4	-0.1	M 18	0.4752	1.088	-0.4989
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6690	0.780	0.1245
0.0	-0.2	M 21	0.6667	0.784	0.1170
0.2	-0.2	M 22	0.5719	0.930	-0.1879
0.4	-0.2	M 23	0.4977	1.050	-0.4264
0.6	-0.2	M 24	0.0000	0.000	0.0000

TABLE B-I. — WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 0 DEG — Concluded

(U) RUN=160 ALPHA= 0 DEG MINF=0.838 REC= 3.96E+06  
PT= 2.30 ATH= 33.9 PSIA TT= 257. DEG K= 462. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6695	0.779	0.1222
0.0	0.2	M 2	0.6663	0.784	0.1117
0.2	0.2	M 3	0.5600	0.949	-0.2312
0.4	0.2	M 4	0.4873	1.068	-0.4655
0.6	0.2	M 5	0.4415	1.147	-0.6131
-0.2	0.1	M 6	0.6794	0.764	0.1540
0.0	0.1	M 7	0.6956	0.739	0.2062
0.2	0.1	M 8	0.5324	0.993	-0.3202
0.4	0.1	M 9	0.4669	1.103	-0.5313
0.6	0.1	M 10	0.4390	1.151	-0.6212
-0.3	0.0	M 12	0.6643	0.787	0.1054
-0.2	0.0	M 13	0.6837	0.758	0.1679
-0.1	0.0	M 14	0.7159	0.708	0.2718
-0.2	-0.1	M 15	0.6793	0.764	0.1538
0.0	-0.1	M 16	0.6976	0.736	0.2129
0.2	-0.1	M 17	0.5484	0.968	-0.2683
0.4	-0.1	M 18	0.4764	1.086	-0.5007
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6708	0.777	0.1262
0.0	-0.2	M 21	0.6672	0.783	0.1145
0.2	-0.2	M 22	0.5726	0.929	-0.1903
0.4	-0.2	M 23	0.4966	1.052	-0.4354
0.6	-0.2	M 24	0.0000	0.000	0.0000

(V) RUN=155 ALPHA= 0 DEG MINF=0.837 REC= 6.02E+06  
PT= 3.45 ATH= 50.7 PSIA TT= 254. DEG K= 457. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6697	0.779	0.1230
0.0	0.2	M 2	0.6635	0.788	0.1032
0.2	0.2	M 3	0.5609	0.948	-0.2278
0.4	0.2	M 4	0.4885	1.066	-0.4612
0.6	0.2	M 5	0.4444	1.142	-0.6032
-0.2	0.1	M 6	0.6795	0.764	0.1546
0.0	0.1	M 7	0.6933	0.743	0.1992
0.2	0.1	M 8	0.5332	0.992	-0.3168
0.4	0.1	M 9	0.4701	1.097	-0.5205
0.6	0.1	M 10	0.4482	1.135	-0.5909
-0.3	0.0	M 12	0.6654	0.786	0.1092
-0.2	0.0	M 13	0.6829	0.759	0.1656
-0.1	0.0	M 14	0.7215	0.699	0.2900
-0.2	-0.1	M 15	0.6809	0.762	0.1591
0.0	-0.1	M 16	0.6996	0.733	0.2196
0.2	-0.1	M 17	0.5483	0.968	-0.2684
0.4	-0.1	M 18	0.4758	1.087	-0.5022
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6713	0.776	0.1284
0.0	-0.2	M 21	0.6680	0.782	0.1177
0.2	-0.2	M 22	0.5680	0.937	-0.2049
0.4	-0.2	M 23	0.4981	1.050	-0.4303
0.6	-0.2	M 24	0.0000	0.000	0.0000

(W) RUN=158 ALPHA= 0 DEG MINF=0.835 REC= 8.00E+06  
PT= 4.60 ATH= 67.6 PSIA TT= 254. DEG K= 458. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6723	0.775	0.1277
0.0	0.2	M 2	0.6677	0.782	0.1127
0.2	0.2	M 3	0.5627	0.945	-0.2266
0.4	0.2	M 4	0.4933	1.058	-0.4510
0.6	0.2	M 5	0.4507	1.131	-0.5888
-0.2	0.1	M 6	0.6822	0.760	0.1597
0.0	0.1	M 7	0.6971	0.737	0.2077
0.2	0.1	M 8	0.5356	0.988	-0.3144
0.4	0.1	M 9	0.4735	1.091	-0.5150
0.6	0.1	M 10	0.4442	1.142	-0.6099
-0.3	0.0	M 12	0.6673	0.783	0.1115
-0.2	0.0	M 13	0.6860	0.754	0.1720
-0.1	0.0	M 14	0.7239	0.695	0.2944
-0.2	-0.1	M 15	0.6831	0.758	0.1625
0.0	-0.1	M 16	0.6995	0.733	0.2154
0.2	-0.1	M 17	0.5470	0.970	-0.2775
0.4	-0.1	M 18	0.4743	1.090	-0.5127
0.6	-0.1	M 19	0.0000	0.000	0.0000
-0.2	-0.2	M 20	0.6733	0.773	0.1308
0.0	-0.2	M 21	0.6688	0.780	0.1162
0.2	-0.2	M 22	0.5734	0.928	-0.1922
0.4	-0.2	M 23	0.4976	1.051	-0.4374
0.6	-0.2	M 24	0.0000	0.000	0.0000

TABLE B-II. — WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 1 DEG

(A) RUN= 71 ALPHA= 1 DEG MINF=0.499 REC= 5.91E+06  
PT= 4.74 ATM= 69.6 PSIA TT= 253. DEG K= 456. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.8475	0.492	0.0271
0.0	0.2	M 2	0.8416	0.503	-0.0132
0.2	0.2	M 3	0.8108	0.556	-0.2224
0.4	0.2	M 4	0.8022	0.570	-0.2806
0.6	0.2	M 5	0.8153	0.548	-0.1917
-0.2	0.1	M 6	0.8560	0.477	0.0851
0.0	0.1	M 7	0.8518	0.484	0.0567
0.2	0.1	M 8	0.7965	0.580	-0.3198
0.4	0.1	M 9	0.7989	0.576	-0.3033
0.6	0.1	M 10	0.8096	0.558	-0.2303
-0.3	0.0	M 12	0.8534	0.481	0.0673
-0.2	0.0	M 13	0.8597	0.470	0.1098
-0.1	0.0	M 14	0.8746	0.442	0.2114
-0.2	-0.1	M 15	0.8597	0.470	0.1101
0.0	-0.1	M 16	0.8672	0.456	0.1612
0.2	-0.1	M 17	0.8165	0.546	-0.1836
0.4	-0.1	M 18	0.8082	0.560	-0.2403
0.6	-0.1	M 19	0.8154	0.548	-0.1909
-0.2	-0.2	M 20	0.8556	0.477	0.0821
0.0	-0.2	M 21	0.8531	0.482	0.0649
0.2	-0.2	M 22	0.8287	0.525	-0.1009
0.4	-0.2	M 23	0.8166	0.546	-0.1831
0.6	-0.2	M 24	0.8200	0.540	-0.1601

(B) RUN= 72 ALPHA= 1 DEG MINF=0.602 REC= 5.92E+06  
PT= 4.16 ATM= 61.1 PSIA TT= 255. DEG K= 460. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.7905	0.589	0.0375
0.0	0.2	M 2	0.7825	0.602	-0.0031
0.2	0.2	M 3	0.7355	0.677	-0.2400
0.4	0.2	M 4	0.7247	0.694	-0.2943
0.6	0.2	M 5	0.7406	0.669	-0.2142
-0.2	0.1	M 6	0.8017	0.571	0.0940
0.0	0.1	M 7	0.7979	0.577	0.0745
0.2	0.1	M 8	0.7156	0.708	-0.3406
0.4	0.1	M 9	0.7168	0.706	-0.3341
0.6	0.1	M 10	0.7337	0.680	-0.2489
-0.3	0.0	M 12	0.7977	0.578	0.0736
-0.2	0.0	M 13	0.8065	0.563	0.1177
-0.1	0.0	M 14	0.8253	0.531	0.2129
-0.2	-0.1	M 15	0.8058	0.564	0.1146
0.0	-0.1	M 16	0.8173	0.545	0.1722
0.2	-0.1	M 17	0.7438	0.664	-0.1981
0.4	-0.1	M 18	0.7300	0.686	-0.2679
0.6	-0.1	M 19	0.7400	0.670	-0.2174
-0.2	-0.2	M 20	0.7990	0.575	0.0803
0.0	-0.2	M 21	0.7961	0.580	0.0653
0.2	-0.2	M 22	0.7580	0.642	-0.1266
0.4	-0.2	M 23	0.7413	0.668	-0.2107
0.6	-0.2	M 24	0.7470	0.659	-0.1821

(C) RUN= 73 ALPHA= 1 DEG MINF=0.695 REC= 5.84E+06  
PT= 3.75 ATM= 55.1 PSIA TT= 256. DEG K= 461. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.7378	0.674	0.0562
0.0	0.2	M 2	0.7273	0.690	0.0134
0.2	0.2	M 3	0.6580	0.797	-0.2695
0.4	0.2	M 4	0.6459	0.816	-0.3188
0.6	0.2	M 5	0.6652	0.786	-0.2400
-0.2	0.1	M 6	0.7516	0.652	0.1129
0.0	0.1	M 7	0.7494	0.655	0.1039
0.2	0.1	M 8	0.6324	0.836	-0.3739
0.4	0.1	M 9	0.6311	0.838	-0.3792
0.6	0.1	M 10	0.6548	0.802	-0.2826
-0.3	0.0	M 12	0.7444	0.663	0.0834
-0.2	0.0	M 13	0.7570	0.643	0.1346
-0.1	0.0	M 14	0.7817	0.604	0.2354
-0.2	-0.1	M 15	0.7559	0.645	0.1304
0.0	-0.1	M 16	0.7731	0.618	0.2003
0.2	-0.1	M 17	0.6707	0.777	-0.2175
0.4	-0.1	M 18	0.6476	0.813	-0.3117
0.6	-0.1	M 19	0.6621	0.791	-0.2529
-0.2	-0.2	M 20	0.7483	0.657	0.0993
0.0	-0.2	M 21	0.7460	0.661	0.0899
0.2	-0.2	M 22	0.6920	0.745	-0.1308
0.4	-0.2	M 23	0.6632	0.789	-0.2483
0.6	-0.2	M 24	0.6708	0.777	-0.2172

(D) RUN= 74 ALPHA= 1 DEG MINF=0.819 REC= 2.03E+06  
PT= 1.24 ATM= 18.2 PSIA TT= 264. DEG K= 475. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6682	0.781	0.0812
0.0	0.2	M 2	0.6594	0.795	0.0522
0.2	0.2	M 3	0.5552	0.957	-0.2926
0.4	0.2	M 4	0.4859	1.070	-0.5221
0.6	0.2	M 5	0.4775	1.084	-0.5500
-0.2	0.1	M 6	0.6857	0.754	0.1390
0.0	0.1	M 7	0.6850	0.755	0.1368
0.2	0.1	M 8	0.5242	1.007	-0.3952
0.4	0.1	M 9	0.4670	1.102	-0.5845
0.6	0.1	M 10	0.4628	1.110	-0.5986
-0.3	0.0	M 12	0.6746	0.772	0.1022
-0.2	0.0	M 13	0.6921	0.745	0.1602
-0.1	0.0	M 14	0.7203	0.701	0.2535
-0.2	-0.1	M 15	0.6878	0.751	0.1460
0.0	-0.1	M 16	0.7132	0.712	0.2302
0.2	-0.1	M 17	0.5763	0.923	-0.2228
0.4	-0.1	M 18	0.5045	1.039	-0.4604
0.6	-0.1	M 19	0.4986	1.049	-0.4802
-0.2	-0.2	M 20	0.6818	0.760	0.1261
0.0	-0.2	M 21	0.6819	0.760	0.1264
0.2	-0.2	M 22	0.5981	0.889	-0.1507
0.4	-0.2	M 23	0.5265	1.003	-0.3877
0.6	-0.2	M 24	0.5149	1.022	-0.4260

TABLE B-II. - WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 1 DEG - Continued

(E) RUN= 75 ALPHA= 1 DEG MINF=0.815 REC= 3.83E+06  
PT= 2.31 ATM= 34.0 PSIA TT= 261. DEG K= 471. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6718	0.776	0.0856
0.0	0.2	M 2	0.6632	0.789	0.0571
0.2	0.2	M 3	0.5579	0.952	-0.2932
0.4	0.2	M 4	0.4869	1.068	-0.5294
0.6	0.2	M 5	0.4807	1.079	-0.5500
-0.2	0.1	M 6	0.6862	0.754	0.1337
0.0	0.1	M 7	0.6894	0.749	0.1441
0.2	0.1	M 8	0.5293	0.998	-0.3883
0.4	0.1	M 9	0.4686	1.100	-0.5904
0.6	0.1	M 10	0.4789	1.082	-0.5561
-0.3	0.0	M 12	0.6749	0.771	0.0959
-0.2	0.0	M 13	0.6913	0.746	0.1504
-0.1	0.0	M 14	0.7223	0.698	0.2536
-0.2	-0.1	M 15	0.6897	0.748	0.1453
0.0	-0.1	M 16	0.7105	0.716	0.2145
0.2	-0.1	M 17	0.5777	0.921	-0.2275
0.4	-0.1	M 18	0.5093	1.031	-0.4550
0.6	-0.1	M 19	0.5105	1.029	-0.4510
-0.2	-0.2	M 20	0.6798	0.764	0.1122
0.0	-0.2	M 21	0.6765	0.769	0.1013
0.2	-0.2	M 22	0.5963	0.892	-0.1653
0.4	-0.2	M 23	0.5300	0.997	-0.3859
0.6	-0.2	M 24	0.5244	1.006	-0.4046

(F) RUN= 77 ALPHA= 1 DEG MINF=0.815 REC= 6.13E+06  
PT= 3.64 ATM= 53.5 PSIA TT= 258. DEG K= 465. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6733	0.774	0.0901
0.0	0.2	M 2	0.6679	0.782	0.0722
0.2	0.2	M 3	0.5549	0.957	-0.3037
0.4	0.2	M 4	0.4875	1.067	-0.5282
0.6	0.2	M 5	0.4807	1.079	-0.5508
-0.2	0.1	M 6	0.6893	0.749	0.1435
0.0	0.1	M 7	0.6975	0.736	0.1707
0.2	0.1	M 8	0.5247	1.006	-0.4044
0.4	0.1	M 9	0.4664	1.103	-0.5984
0.6	0.1	M 10	0.4596	1.115	-0.6211
-0.3	0.0	M 12	0.6768	0.768	0.1018
-0.2	0.0	M 13	0.6948	0.740	0.1618
-0.1	0.0	M 14	0.7285	0.688	0.2739
-0.2	-0.1	M 15	0.6921	0.745	0.1527
0.0	-0.1	M 16	0.7136	0.711	0.2244
0.2	-0.1	M 17	0.5739	0.927	-0.2406
0.4	-0.1	M 18	0.5068	1.035	-0.4638
0.6	-0.1	M 19	0.5102	1.030	-0.4526
-0.2	-0.2	M 20	0.6837	0.758	0.1247
0.0	-0.2	M 21	0.6843	0.757	0.1267
0.2	-0.2	M 22	0.5980	0.889	-0.1603
0.4	-0.2	M 23	0.5282	1.000	-0.3925
0.6	-0.2	M 24	0.5244	1.006	-0.4054

(G) RUN= 78 ALPHA= 1 DEG MINF=0.815 REC= 7.89E+06  
PT= 4.70 ATM= 69.2 PSIA TT= 259. DEG K= 466. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6741	0.772	0.0928
0.0	0.2	M 2	0.6687	0.780	0.0748
0.2	0.2	M 3	0.5582	0.952	-0.2930
0.4	0.2	M 4	0.4907	1.062	-0.5176
0.6	0.2	M 5	0.4781	1.083	-0.5596
-0.2	0.1	M 6	0.6897	0.748	0.1445
0.0	0.1	M 7	0.6980	0.735	0.1723
0.2	0.1	M 8	0.5289	0.999	-0.3905
0.4	0.1	M 9	0.4722	1.093	-0.5793
0.6	0.1	M 10	0.4670	1.102	-0.5965
-0.3	0.0	M 12	0.6774	0.767	0.1037
-0.2	0.0	M 13	0.6952	0.740	0.1630
-0.1	0.0	M 14	0.7294	0.687	0.2769
-0.2	-0.1	M 15	0.6932	0.743	0.1563
0.0	-0.1	M 16	0.7158	0.708	0.2316
0.2	-0.1	M 17	0.5712	0.931	-0.2498
0.4	-0.1	M 18	0.5041	1.040	-0.4730
0.6	-0.1	M 19	0.5082	1.033	-0.4592
-0.2	-0.2	M 20	0.6838	0.757	0.1250
0.0	-0.2	M 21	0.6811	0.761	0.1161
0.2	-0.2	M 22	0.5953	0.894	-0.1695
0.4	-0.2	M 23	0.5254	1.005	-0.4023
0.6	-0.2	M 24	0.5228	1.009	-0.4107

(H) RUN=165 ALPHA= 1 DEG MINF=0.827 REC= 8.09E+06  
PT= 4.77 ATM= 70.1 PSIA TT= 258. DEG K= 464. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6733	0.773	0.1132
0.0	0.2	M 2	0.6633	0.789	0.0803
0.2	0.2	M 3	0.5520	0.962	-0.2841
0.4	0.2	M 4	0.4813	1.078	-0.5154
0.6	0.2	M 5	0.4359	1.157	-0.6641
-0.2	0.1	M 6	0.6841	0.757	0.1484
0.0	0.1	M 7	0.6923	0.744	0.1753
0.2	0.1	M 8	0.5199	1.014	-0.3891
0.4	0.1	M 9	0.4620	1.111	-0.5787
0.6	0.1	M 10	0.4356	1.158	-0.6652
-0.3	0.0	M 12	0.6712	0.777	0.1061
-0.2	0.0	M 13	0.6898	0.748	0.1673
-0.1	0.0	M 14	0.7206	0.701	0.2679
-0.2	-0.1	M 15	0.6867	0.753	0.1568
0.0	-0.1	M 16	0.7052	0.724	0.2174
0.2	-0.1	M 17	0.5662	0.939	-0.2376
0.4	-0.1	M 18	0.4945	1.056	-0.4723
0.6	-0.1	M 19	0.4725	1.093	-0.5444
-0.2	-0.2	M 20	0.6758	0.770	0.1213
0.0	-0.2	M 21	0.6768	0.768	0.1246
0.2	-0.2	M 22	0.5901	0.902	-0.1592
0.4	-0.2	M 23	0.5157	1.021	-0.4030
0.6	-0.2	M 24	0.4876	1.067	-0.4948

TABLE B-II. — WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 1 DEG — Concluded

(I) RUN=168 ALPHA= 1 DEG MINF=0.838 REC= 6.07E+06  
PT= 3.55 ATM= 52.2 PSIA TT= 258. DEG K= 464. DEG R

(J) RUN=164 ALPHA= 1 DEG MINF=0.837 REC= 7.96E+06  
PT= 4.69 ATM= 69.0 PSIA TT= 259. DEG K= 467. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6691	0.780	0.1222
0.0	0.2	M 2	0.6588	0.796	0.0892
0.2	0.2	M 3	0.5469	0.970	-0.2714
0.4	0.2	M 4	0.4761	1.087	-0.4995
0.6	0.2	M 5	0.4294	1.169	-0.6499
-0.2	0.1	M 6	0.6795	0.764	0.1558
0.0	0.1	M 7	0.6871	0.752	0.1804
0.2	0.1	M 8	0.5146	1.022	-0.3753
0.4	0.1	M 9	0.4547	1.124	-0.5682
0.6	0.1	M 10	0.4263	1.174	-0.6597
-0.3	0.0	M 12	0.6658	0.785	0.1118
-0.2	0.0	M 13	0.6849	0.756	0.1731
-0.1	0.0	M 14	0.7202	0.701	0.2868
-0.2	-0.1	M 15	0.6826	0.759	0.1657
0.0	-0.1	M 16	0.7085	0.719	0.2494
0.2	-0.1	M 17	0.5640	0.943	-0.2164
0.4	-0.1	M 18	0.4918	1.060	-0.4489
0.6	-0.1	M 19	0.4768	1.086	-0.4972
-0.2	-0.2	M 20	0.6722	0.775	0.1322
0.0	-0.2	M 21	0.6753	0.770	0.1424
0.2	-0.2	M 22	0.5856	0.909	-0.1465
0.4	-0.2	M 23	0.5102	1.029	-0.3894
0.6	-0.2	M 24	0.4950	1.055	-0.4384

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6696	0.779	0.1203
0.0	0.2	M 2	0.6593	0.795	0.0872
0.2	0.2	M 3	0.5445	0.974	-0.2836
0.4	0.2	M 4	0.4762	1.087	-0.5041
0.6	0.2	M 5	0.4332	1.162	-0.6430
-0.2	0.1	M 6	0.6805	0.762	0.1556
0.0	0.1	M 7	0.6880	0.751	0.1799
0.2	0.1	M 8	0.5143	1.023	-0.3811
0.4	0.1	M 9	0.4543	1.124	-0.5750
0.6	0.1	M 10	0.4257	1.176	-0.6672
-0.3	0.0	M 12	0.6667	0.784	0.1110
-0.2	0.0	M 13	0.6857	0.754	0.1724
-0.1	0.0	M 14	0.7229	0.697	0.2925
-0.2	-0.1	M 15	0.6837	0.757	0.1660
0.0	-0.1	M 16	0.7100	0.717	0.2509
0.2	-0.1	M 17	0.5635	0.944	-0.2221
0.4	-0.1	M 18	0.4923	1.059	-0.4522
0.6	-0.1	M 19	0.4541	1.125	-0.5756
-0.2	-0.2	M 20	0.6740	0.772	0.1346
0.0	-0.2	M 21	0.6773	0.767	0.1453
0.2	-0.2	M 22	0.5870	0.907	-0.1463
0.4	-0.2	M 23	0.5113	1.028	-0.3907
0.6	-0.2	M 24	0.4635	1.108	-0.5450

TABLE B-III. — WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 2 DEG

(A) RUN=116 ALPHA= 2 DEG MINF=0.499 REC= 5.93E+06  
PT= 4.85 ATM= 71.3 PSIA TT= 257. DEG K= 463. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.8494	0.488	0.0393
0.0	0.2	M 2	0.8384	0.508	-0.0360
0.2	0.2	M 3	0.8064	0.563	-0.2537
0.4	0.2	M 4	0.8034	0.568	-0.2738
0.6	0.2	M 5	0.8136	0.551	-0.2047
-0.2	0.1	M 6	0.8553	0.478	0.0792
0.0	0.1	M 7	0.8469	0.493	0.0220
0.2	0.1	M 8	0.7908	0.589	-0.3600
0.4	0.1	M 9	0.7946	0.583	-0.3341
0.6	0.1	M 10	0.8093	0.558	-0.2341
-0.3	0.0	M 12	0.8531	0.482	0.0642
-0.2	0.0	M 13	0.8592	0.471	0.1057
-0.1	0.0	M 14	0.8733	0.444	0.2017
-0.2	-0.1	M 15	0.8599	0.469	0.1107
0.0	-0.1	M 16	0.8711	0.448	0.1867
0.2	-0.1	M 17	0.8233	0.535	-0.1388
0.4	-0.1	M 18	0.8130	0.532	-0.2088
0.6	-0.1	M 19	0.8186	0.542	-0.1793
-0.2	-0.2	M 20	0.8562	0.476	0.0854
0.0	-0.2	M 21	0.8568	0.475	0.0821
0.2	-0.2	M 22	0.8336	0.517	-0.0685
0.4	-0.2	M 23	0.8205	0.539	-0.1576
0.6	-0.2	M 24	0.8218	0.537	-0.1490

(B) RUN=114 ALPHA= 2 DEG MINF=0.601 REC= 5.95E+06  
PT= 4.21 ATM= 61.9 PSIA TT= 256. DEG K= 462. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.7929	0.585	0.0490
0.0	0.2	M 2	0.7753	0.614	-0.0398
0.2	0.2	M 3	0.7256	0.693	-0.2906
0.4	0.2	M 4	0.7210	0.700	-0.3139
0.6	0.2	M 5	0.7368	0.675	-0.2342
-0.2	0.1	M 6	0.8008	0.572	0.0887
0.0	0.1	M 7	0.7883	0.593	0.0256
0.2	0.1	M 8	0.7024	0.729	-0.4080
0.4	0.1	M 9	0.7086	0.719	-0.3763
0.6	0.1	M 10	0.7316	0.683	-0.2605
-0.3	0.0	M 12	0.7973	0.578	0.0710
-0.2	0.0	M 13	0.8070	0.562	0.1197
-0.1	0.0	M 14	0.8241	0.533	0.2062
-0.2	-0.1	M 15	0.8068	0.562	0.1190
0.0	-0.1	M 16	0.8259	0.530	0.2151
0.2	-0.1	M 17	0.7561	0.645	-0.1369
0.4	-0.1	M 18	0.7387	0.672	-0.2246
0.6	-0.1	M 19	0.7457	0.661	-0.1894
-0.2	-0.2	M 20	0.8014	0.571	0.0916
0.0	-0.2	M 21	0.8021	0.570	0.0954
0.2	-0.2	M 22	0.7666	0.628	-0.0840
0.4	-0.2	M 23	0.7491	0.656	-0.1721
0.6	-0.2	M 24	0.7509	0.653	-0.1630

(C) RUN=113 ALPHA= 2 DEG MINF=0.695 REC= 5.98E+06  
PT= 3.82 ATM= 56.2 PSIA TT= 255. DEG K= 459. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.7405	0.669	0.0672
0.0	0.2	M 2	0.7204	0.701	-0.0150
0.2	0.2	M 3	0.6447	0.817	-0.3241
0.4	0.2	M 4	0.6358	0.831	-0.3605
0.6	0.2	M 5	0.6620	0.791	-0.2532
-0.2	0.1	M 6	0.7503	0.654	0.1071
0.0	0.1	M 7	0.7400	0.670	0.0650
0.2	0.1	M 8	0.6149	0.863	-0.4455
0.4	0.1	M 9	0.6188	0.857	-0.4299
0.6	0.1	M 10	0.6522	0.806	-0.2935
-0.3	0.0	M 12	0.7466	0.660	0.0921
-0.2	0.0	M 13	0.7567	0.644	0.1335
-0.1	0.0	M 14	0.7838	0.600	0.2441
-0.2	-0.1	M 15	0.7566	0.644	0.1329
0.0	-0.1	M 16	0.7793	0.608	0.2254
0.2	-0.1	M 17	0.6830	0.759	-0.1675
0.4	-0.1	M 18	0.6590	0.795	-0.2658
0.6	-0.1	M 19	0.6688	0.780	-0.2257
-0.2	-0.2	M 20	0.7501	0.654	0.1062
0.0	-0.2	M 21	0.7526	0.650	0.1164
0.2	-0.2	M 22	0.7004	0.732	-0.0966
0.4	-0.2	M 23	0.6723	0.775	-0.2113
0.6	-0.2	M 24	0.6754	0.770	-0.1985

(D) RUN=110 ALPHA= 2 DEG MINF=0.755 REC= 7.96E+06  
PT= 4.87 ATM= 71.6 PSIA TT= 256. DEG K= 461. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.7075	0.721	0.0819
0.0	0.2	M 2	0.6865	0.753	0.0050
0.2	0.2	M 3	0.5798	0.918	-0.3849
0.4	0.2	M 4	0.5593	0.950	-0.4599
0.6	0.2	M 5	0.5979	0.890	-0.3188
-0.2	0.1	M 6	0.7186	0.704	0.1224
0.0	0.1	M 7	0.7103	0.717	0.0918
0.2	0.1	M 8	0.5466	0.970	-0.5064
0.4	0.1	M 9	0.5386	0.983	-0.5357
0.6	0.1	M 10	0.5918	0.899	-0.3412
-0.3	0.0	M 12	0.7103	0.716	0.0921
-0.2	0.0	M 13	0.7246	0.694	0.1444
-0.1	0.0	M 14	0.7560	0.645	0.2592
-0.2	-0.1	M 15	0.7243	0.695	0.1433
0.0	-0.1	M 16	0.7523	0.651	0.2454
0.2	-0.1	M 17	0.6422	0.821	-0.1570
0.4	-0.1	M 18	0.6052	0.878	-0.2922
0.6	-0.1	M 19	0.6317	0.837	-0.1952
-0.2	-0.2	M 20	0.7175	0.705	0.1182
0.0	-0.2	M 21	0.7235	0.696	0.1403
0.2	-0.2	M 22	0.6590	0.795	-0.0956
0.4	-0.2	M 23	0.6230	0.851	-0.2271
0.6	-0.2	M 24	0.6331	0.835	-0.1901

TABLE B-III. — WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 2 DEG — Continued

(E) RUN=112 ALPHA= 2 DEG MINF=0.763 REC= 8.02E+06  
PT= 4.92 ATM= 72.3 PSIA TT= 258. DEG K= 464. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.7035	0.727	0.0853
0.0	0.2	M 2	0.6835	0.758	0.0133
0.2	0.2	M 3	0.5812	0.916	-0.3555
0.4	0.2	M 4	0.5592	0.950	-0.4348
0.6	0.2	M 5	0.5606	0.948	-0.4298
-0.2	0.1	M 6	0.7147	0.710	0.1256
0.0	0.1	M 7	0.7069	0.722	0.0978
0.2	0.1	M 8	0.5452	0.973	-0.4852
0.4	0.1	M 9	0.5335	0.992	-0.5276
0.6	0.1	M 10	0.5608	0.948	-0.4289
-0.3	0.0	M 12	0.7061	0.723	0.0948
-0.2	0.0	M 13	0.7213	0.699	0.1495
-0.1	0.0	M 14	0.7512	0.653	0.2575
-0.2	-0.1	M 15	0.7204	0.701	0.1463
0.0	-0.1	M 16	0.7495	0.655	0.2513
0.2	-0.1	M 17	0.6350	0.832	-0.1616
0.4	-0.1	M 18	0.5960	0.893	-0.3020
0.6	-0.1	M 19	0.6256	0.847	-0.1955
-0.2	-0.2	M 20	0.7131	0.712	0.1201
0.0	-0.2	M 21	0.7184	0.704	0.1392
0.2	-0.2	M 22	0.6527	0.805	-0.0976
0.4	-0.2	M 23	0.6148	0.863	-0.2345
0.6	-0.2	M 24	0.6262	0.846	-0.1934

(F) RUN=111 ALPHA= 2 DEG MINF=0.774 REC= 7.92E+06  
PT= 4.81 ATM= 70.7 PSIA TT= 257. DEG K= 463. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6967	0.738	0.0840
0.0	0.2	M 2	0.6748	0.771	0.0066
0.2	0.2	M 3	0.5672	0.938	-0.3747
0.4	0.2	M 4	0.5344	0.990	-0.4909
0.6	0.2	M 5	0.5636	0.943	-0.3873
-0.2	0.1	M 6	0.7086	0.719	0.1264
0.0	0.1	M 7	0.6995	0.733	0.0940
0.2	0.1	M 8	0.5292	0.999	-0.5095
0.4	0.1	M 9	0.5107	1.029	-0.5750
0.6	0.1	M 10	0.5611	0.947	-0.3963
-0.3	0.0	M 12	0.6995	0.733	0.0941
-0.2	0.0	M 13	0.7158	0.708	0.1519
-0.1	0.0	M 14	0.7481	0.658	0.2662
-0.2	-0.1	M 15	0.7145	0.710	0.1473
0.0	-0.1	M 16	0.7454	0.662	0.2569
0.2	-0.1	M 17	0.6277	0.844	-0.1602
0.4	-0.1	M 18	0.5850	0.910	-0.3117
0.6	-0.1	M 19	0.6150	0.863	-0.2053
-0.2	-0.2	M 20	0.7071	0.721	0.1210
0.0	-0.2	M 21	0.7144	0.710	0.1470
0.2	-0.2	M 22	0.6463	0.815	-0.0944
0.4	-0.2	M 23	0.6042	0.880	-0.2438
0.6	-0.2	M 24	0.6155	0.862	-0.2036

(G) RUN=109 ALPHA= 2 DEG MINF=0.785 REC= 7.95E+06  
PT= 4.75 ATM= 69.8 PSIA TT= 256. DEG K= 460. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6923	0.744	0.0924
0.0	0.2	M 2	0.6723	0.775	0.0227
0.2	0.2	M 3	0.5560	0.956	-0.3824
0.4	0.2	M 4	0.4985	1.049	-0.5824
0.6	0.2	M 5	0.5603	0.949	-0.3673
-0.2	0.1	M 6	0.7033	0.727	0.1306
0.0	0.1	M 7	0.6976	0.736	0.1108
0.2	0.1	M 8	0.5196	1.014	-0.5091
0.4	0.1	M 9	0.4770	1.085	-0.6575
0.6	0.1	M 10	0.5554	0.956	-0.3843
-0.3	0.0	M 12	0.6941	0.742	0.0985
-0.2	0.0	M 13	0.7105	0.716	0.1556
-0.1	0.0	M 14	0.7441	0.664	0.2727
-0.2	-0.1	M 15	0.7088	0.719	0.1499
0.0	-0.1	M 16	0.7393	0.671	0.2560
0.2	-0.1	M 17	0.6183	0.858	-0.1654
0.4	-0.1	M 18	0.5709	0.932	-0.3303
0.6	-0.1	M 19	0.5989	0.888	-0.2328
-0.2	-0.2	M 20	0.7021	0.729	0.1263
0.0	-0.2	M 21	0.7087	0.719	0.1494
0.2	-0.2	M 22	0.6360	0.831	-0.1038
0.4	-0.2	M 23	0.5906	0.901	-0.2619
0.6	-0.2	M 24	0.6011	0.885	-0.2253

(H) RUN=100 ALPHA= 2 DEG MINF=0.794 REC= 7.93E+06  
PT= 4.80 ATM= 70.6 PSIA TT= 259. DEG K= 467. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6879	0.751	0.0972
0.0	0.2	M 2	0.6701	0.778	0.0363
0.2	0.2	M 3	0.5521	0.962	-0.3686
0.4	0.2	M 4	0.4898	1.063	-0.5823
0.6	0.2	M 5	0.5424	0.977	-0.4018
-0.2	0.1	M 6	0.6991	0.734	0.1359
0.0	0.1	M 7	0.6964	0.738	0.1264
0.2	0.1	M 8	0.5179	1.017	-0.4858
0.4	0.1	M 9	0.4677	1.101	-0.6583
0.6	0.1	M 10	0.5370	0.986	-0.4204
-0.3	0.0	M 12	0.6884	0.750	0.0990
-0.2	0.0	M 13	0.7048	0.725	0.1551
-0.1	0.0	M 14	0.7366	0.675	0.2645
-0.2	-0.1	M 15	0.7031	0.728	0.1495
0.0	-0.1	M 16	0.7321	0.683	0.2489
0.2	-0.1	M 17	0.6085	0.873	-0.1751
0.4	-0.1	M 18	0.5550	0.957	-0.3586
0.6	-0.1	M 19	0.5698	0.934	-0.3077
-0.2	-0.2	M 20	0.6967	0.737	0.1276
0.0	-0.2	M 21	0.7034	0.727	0.1503
0.2	-0.2	M 22	0.6282	0.843	-0.1074
0.4	-0.2	M 23	0.5766	0.923	-0.2844
0.6	-0.2	M 24	0.5796	0.918	-0.2743

TABLE B-III. — WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 2 DEG — Continued

(I) RUN=108 ALPHA= 2 DEG MINF=0.804 REC= 8.00E+06  
PT= 4.76 ATM= 70.0 PSIA TT= 257. DEG K= 463. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6832	0.758	0.1001
0.0	0.2	M 2	0.6641	0.788	0.0355
0.2	0.2	M 3	0.5465	0.971	-0.3625
0.4	0.2	M 4	0.4783	1.083	-0.5932
0.6	0.2	M 5	0.4819	1.077	-0.5812
-0.2	0.1	M 6	0.6940	0.742	0.1365
0.0	0.1	M 7	0.6908	0.747	0.1258
0.2	0.1	M 8	0.5111	1.028	-0.4824
0.4	0.1	M 9	0.4583	1.117	-0.6610
0.6	0.1	M 10	0.4783	1.083	-0.5934
-0.3	0.0	M 12	0.6839	0.757	0.1024
-0.2	0.0	M 13	0.7003	0.732	0.1580
-0.1	0.0	M 14	0.7331	0.681	0.2689
-0.2	-0.1	M 15	0.6994	0.733	0.1550
0.0	-0.1	M 16	0.7300	0.686	0.2583
0.2	-0.1	M 17	0.6007	0.885	-0.1790
0.4	-0.1	M 18	0.5426	0.977	-0.3756
0.6	-0.1	M 19	0.5721	0.930	-0.2758
-0.2	-0.2	M 20	0.6907	0.747	0.1255
0.0	-0.2	M 21	0.6953	0.740	0.1409
0.2	-0.2	M 22	0.6199	0.855	-0.1140
0.4	-0.2	M 23	0.5646	0.942	-0.3013
0.6	-0.2	M 24	0.5761	0.924	-0.2622

(J) RUN=102 ALPHA= 2 DEG MINF=0.819 REC= 2.02E+06  
PT= 1.22 ATM= 17.9 PSIA TT= 261. DEG K= 471. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6743	0.772	0.1011
0.0	0.2	M 2	0.6541	0.803	0.0343
0.2	0.2	M 3	0.5419	0.978	-0.3370
0.4	0.2	M 4	0.4675	1.101	-0.5833
0.6	0.2	M 5	0.4380	1.153	-0.6809
-0.2	0.1	M 6	0.6841	0.757	0.1335
0.0	0.1	M 7	0.6792	0.764	0.1172
0.2	0.1	M 8	0.5071	1.035	-0.4524
0.4	0.1	M 9	0.4476	1.136	-0.6493
0.6	0.1	M 10	0.4301	1.168	-0.7072
-0.3	0.0	M 12	0.6741	0.772	0.1004
-0.2	0.0	M 13	0.6916	0.745	0.1584
-0.1	0.0	M 14	0.7219	0.698	0.2587
-0.2	-0.1	M 15	0.6895	0.749	0.1513
0.0	-0.1	M 16	0.7182	0.704	0.2465
0.2	-0.1	M 17	0.5920	0.899	-0.1712
0.4	-0.1	M 18	0.5238	1.007	-0.3969
0.6	-0.1	M 19	0.5238	1.007	-0.3971
-0.2	-0.2	M 20	0.6828	0.759	0.1292
0.0	-0.2	M 21	0.6886	0.750	0.1484
0.2	-0.2	M 22	0.6075	0.875	-0.1202
0.4	-0.2	M 23	0.5453	0.973	-0.3260
0.6	-0.2	M 24	0.5360	0.988	-0.3568

(K) RUN=104 ALPHA= 2 DEG MINF=0.814 REC= 3.89E+06  
PT= 2.32 ATM= 34.1 PSIA TT= 259. DEG K= 465. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6774	0.767	0.1019
0.0	0.2	M 2	0.6595	0.795	0.0423
0.2	0.2	M 3	0.5423	0.977	-0.3483
0.4	0.2	M 4	0.4696	1.098	-0.5904
0.6	0.2	M 5	0.4434	1.144	-0.6779
-0.2	0.1	M 6	0.6885	0.750	0.1387
0.0	0.1	M 7	0.6856	0.755	0.1293
0.2	0.1	M 8	0.5079	1.033	-0.4629
0.4	0.1	M 9	0.4493	1.133	-0.6583
0.6	0.1	M 10	0.4365	1.156	-0.7010
-0.3	0.0	M 12	0.6774	0.767	0.1020
-0.2	0.0	M 13	0.6946	0.741	0.1592
-0.1	0.0	M 14	0.7270	0.690	0.2673
-0.2	-0.1	M 15	0.6938	0.742	0.1565
0.0	-0.1	M 16	0.7241	0.695	0.2574
0.2	-0.1	M 17	0.5930	0.897	-0.1792
0.4	-0.1	M 18	0.5256	1.004	-0.4038
0.6	-0.1	M 19	0.5318	0.994	-0.3832
-0.2	-0.2	M 20	0.6859	0.754	0.1302
0.0	-0.2	M 21	0.6935	0.742	0.1554
0.2	-0.2	M 22	0.6121	0.868	-0.1157
0.4	-0.2	M 23	0.5482	0.968	-0.3287
0.6	-0.2	M 24	0.5426	0.977	-0.3474

(L) RUN=105 ALPHA= 2 DEG MINF=0.815 REC= 5.98E+06  
PT= 3.54 ATM= 52.0 PSIA TT= 258. DEG K= 464. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6776	0.767	0.1026
0.0	0.2	M 2	0.6607	0.793	0.0462
0.2	0.2	M 3	0.5402	0.981	-0.3554
0.4	0.2	M 4	0.4671	1.102	-0.5989
0.6	0.2	M 5	0.4389	1.152	-0.6930
-0.2	0.1	M 6	0.6882	0.750	0.1379
0.0	0.1	M 7	0.6891	0.749	0.1407
0.2	0.1	M 8	0.5057	1.037	-0.4705
0.4	0.1	M 9	0.4458	1.139	-0.6701
0.6	0.1	M 10	0.4314	1.165	-0.7181
-0.3	0.0	M 12	0.6779	0.766	0.1033
-0.2	0.0	M 13	0.6947	0.741	0.1596
-0.1	0.0	M 14	0.7280	0.689	0.2703
-0.2	-0.1	M 15	0.6931	0.743	0.1541
0.0	-0.1	M 16	0.7225	0.698	0.2522
0.2	-0.1	M 17	0.5932	0.897	-0.1786
0.4	-0.1	M 18	0.5278	1.001	-0.3967
0.6	-0.1	M 19	0.5437	0.975	-0.3439
-0.2	-0.2	M 20	0.6865	0.753	0.1320
0.0	-0.2	M 21	0.6944	0.741	0.1583
0.2	-0.2	M 22	0.6141	0.865	-0.1091
0.4	-0.2	M 23	0.5502	0.965	-0.3220
0.6	-0.2	M 24	0.5505	0.964	-0.3211

TABLE B-III. — WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 2 DEG — Continued

(M) RUN=101 ALPHA= 2 DEG MINF=0.813 REC= 7.91E+06  
PT= 4.62 ATM= 67.9 PSIA TT= 255. DEG K= 458. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6790	0.765	0.1051
0.0	0.2	M 2	0.6594	0.795	0.0397
0.2	0.2	M 3	0.5401	0.981	-0.3586
0.4	0.2	M 4	0.4713	1.095	-0.5881
0.6	0.2	M 5	0.4447	1.141	-0.6772
-0.2	0.1	M 6	0.6908	0.747	0.1442
0.0	0.1	M 7	0.6859	0.754	0.1280
0.2	0.1	M 8	0.5044	1.039	-0.4778
0.4	0.1	M 9	0.4502	1.132	-0.6587
0.6	0.1	M 10	0.4326	1.163	-0.7176
-0.3	0.0	M 12	0.6799	0.763	0.1081
-0.2	0.0	M 13	0.6977	0.736	0.1672
-0.1	0.0	M 14	0.7328	0.682	0.2844
-0.2	-0.1	M 15	0.6960	0.739	0.1617
0.0	-0.1	M 16	0.7304	0.685	0.2765
0.2	-0.1	M 17	0.5960	0.893	-0.1721
0.4	-0.1	M 18	0.5265	1.003	-0.4042
0.6	-0.1	M 19	0.5363	0.987	-0.3715
-0.2	-0.2	M 20	0.6884	0.750	0.1364
0.0	-0.2	M 21	0.6942	0.741	0.1556
0.2	-0.2	M 22	0.6143	0.864	-0.1110
0.4	-0.2	M 23	0.5501	0.965	-0.3252
0.6	-0.2	M 24	0.5471	0.970	-0.3352

(N) RUN=127-1 ALPHA= 2 DEG MINF=0.831 REC= 1.96E+06  
PT= 1.16 ATM= 17.1 PSIA TT= 260. DEG K= 467. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6680	0.782	0.1029
0.0	0.2	M 2	0.6499	0.809	0.0438
0.2	0.2	M 3	0.5327	0.993	-0.3381
0.4	0.2	M 4	0.4584	1.117	-0.5800
0.6	0.2	M 5	0.4309	1.166	-0.6698
-0.2	0.1	M 6	0.6781	0.766	0.1355
0.0	0.1	M 7	0.6759	0.770	0.1283
0.2	0.1	M 8	0.5004	1.046	-0.4434
0.4	0.1	M 9	0.4372	1.155	-0.6491
0.6	0.1	M 10	0.4218	1.183	-0.6993
-0.3	0.0	M 12	0.6691	0.780	0.1064
-0.2	0.0	M 13	0.6851	0.755	0.1585
-0.1	0.0	M 14	0.7148	0.710	0.2551
-0.2	-0.1	M 15	0.6853	0.755	0.1590
0.0	-0.1	M 16	0.7129	0.713	0.2489
0.2	-0.1	M 17	0.5902	0.902	-0.1508
0.4	-0.1	M 18	0.5258	1.004	-0.3604
0.6	-0.1	M 19	0.5742	0.927	-0.2030
-0.2	-0.2	M 20	0.6756	0.770	0.1275
0.0	-0.2	M 21	0.6837	0.758	0.1538
0.2	-0.2	M 22	0.6028	0.882	-0.1096
0.4	-0.2	M 23	0.5462	0.971	-0.2941
0.6	-0.2	M 24	0.5780	0.921	-0.1905

(O) RUN=126 ALPHA= 2 DEG MINF=0.827 REC= 4.00E+06  
PT= 2.33 ATM= 34.3 PSIA TT= 256. DEG K= 460. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6710	0.777	0.1067
0.0	0.2	M 2	0.6543	0.803	0.0520
0.2	0.2	M 3	0.5365	0.987	-0.3332
0.4	0.2	M 4	0.4636	1.108	-0.5719
0.6	0.2	M 5	0.4352	1.158	-0.6645
-0.2	0.1	M 6	0.6823	0.760	0.1438
0.0	0.1	M 7	0.6794	0.764	0.1341
0.2	0.1	M 8	0.5026	1.042	-0.4442
0.4	0.1	M 9	0.4408	1.148	-0.6461
0.6	0.1	M 10	0.4271	1.173	-0.6912
-0.3	0.0	M 12	0.6713	0.777	0.1078
-0.2	0.0	M 13	0.6892	0.749	0.1663
-0.1	0.0	M 14	0.7223	0.698	0.2744
-0.2	-0.1	M 15	0.6875	0.752	0.1606
0.0	-0.1	M 16	0.7176	0.705	0.2591
0.2	-0.1	M 17	0.5873	0.906	-0.1672
0.4	-0.1	M 18	0.5234	1.008	-0.3760
0.6	-0.1	M 19	0.5828	0.913	-0.1817
-0.2	-0.2	M 20	0.6773	0.767	0.1273
0.0	-0.2	M 21	0.6831	0.758	0.1463
0.2	-0.2	M 22	0.6044	0.879	-0.1110
0.4	-0.2	M 23	0.5448	0.973	-0.3062
0.6	-0.2	M 24	0.5845	0.911	-0.1764

(P) RUN=125 ALPHA= 2 DEG MINF=0.826 REC= 5.93E+06  
PT= 3.45 ATM= 50.8 PSIA TT= 256. DEG K= 460. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6724	0.775	0.1085
0.0	0.2	M 2	0.6571	0.798	0.0584
0.2	0.2	M 3	0.5376	0.985	-0.3334
0.4	0.2	M 4	0.4630	1.109	-0.5779
0.6	0.2	M 5	0.4219	1.182	-0.7127
-0.2	0.1	M 6	0.6844	0.756	0.1477
0.0	0.1	M 7	0.6852	0.755	0.1503
0.2	0.1	M 8	0.5029	1.042	-0.4469
0.4	0.1	M 9	0.4424	1.145	-0.6454
0.6	0.1	M 10	0.4226	1.181	-0.7103
-0.3	0.0	M 12	0.6718	0.776	0.1066
-0.2	0.0	M 13	0.6906	0.747	0.1682
-0.1	0.0	M 14	0.7274	0.690	0.2886
-0.2	-0.1	M 15	0.6888	0.750	0.1623
0.0	-0.1	M 16	0.7168	0.706	0.2540
0.2	-0.1	M 17	0.5847	0.910	-0.1791
0.4	-0.1	M 18	0.5233	1.008	-0.3801
0.6	-0.1	M 19	0.5829	0.913	-0.1847
-0.2	-0.2	M 20	0.6795	0.764	0.1317
0.0	-0.2	M 21	0.6849	0.756	0.1494
0.2	-0.2	M 22	0.6026	0.882	-0.1203
0.4	-0.2	M 23	0.5450	0.973	-0.3090
0.6	-0.2	M 24	0.5840	0.911	-0.1813

TABLE B-III. - WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 2 DEG - Continued

(Q) RUN=124 ALPHA= 2 DEG MINF=0.826 REC= 8.07E+06  
PT= 4.64 ATM= 68.2 PSIA TT= 253. DEG K= 456. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6720	0.775	0.1068
0.0	0.2	M 2	0.6549	0.802	0.0506
0.2	0.2	M 3	0.5351	0.989	-0.3421
0.4	0.2	M 4	0.4632	1.109	-0.5776
0.6	0.2	M 5	0.4159	1.193	-0.7327
-0.2	0.1	M 6	0.6842	0.757	0.1469
0.0	0.1	M 7	0.6801	0.763	0.1332
0.2	0.1	M 8	0.5007	1.045	-0.4547
0.4	0.1	M 9	0.4413	1.147	-0.6497
0.6	0.1	M 10	0.4179	1.190	-0.7264
-0.3	0.0	M 12	0.6723	0.775	0.1077
-0.2	0.0	M 13	0.6909	0.746	0.1688
-0.1	0.0	M 14	0.7280	0.689	0.2906
-0.2	-0.1	M 15	0.6895	0.749	0.1641
0.0	-0.1	M 16	0.7231	0.697	0.2743
0.2	-0.1	M 17	0.5878	0.905	-0.1691
0.4	-0.1	M 18	0.5198	1.014	-0.3921
0.6	-0.1	M 19	0.5799	0.918	-0.1953
-0.2	-0.2	M 20	0.6819	0.760	0.1393
0.0	-0.2	M 21	0.6891	0.749	0.1630
0.2	-0.2	M 22	0.6079	0.874	-0.1032
0.4	-0.2	M 23	0.5418	0.978	-0.3199
0.6	-0.2	M 24	0.5788	0.920	-0.1988

(R) RUN=127-2 ALPHA= 2 DEG MINF=0.841 REC= 1.96E+06  
PT= 1.14 ATM= 16.7 PSIA TT= 257. DEG K= 462. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6623	0.790	0.1048
0.0	0.2	M 2	0.6474	0.813	0.0568
0.2	0.2	M 3	0.5324	0.993	-0.3123
0.4	0.2	M 4	0.4564	1.121	-0.5564
0.6	0.2	M 5	0.4139	1.197	-0.6928
-0.2	0.1	M 6	0.6750	0.771	0.1455
0.0	0.1	M 7	0.6726	0.775	0.1379
0.2	0.1	M 8	0.5000	1.046	-0.4163
0.4	0.1	M 9	0.4360	1.157	-0.6220
0.6	0.1	M 10	0.4118	1.201	-0.6998
-0.3	0.0	M 12	0.6634	0.789	0.1085
-0.2	0.0	M 13	0.6810	0.762	0.1649
-0.1	0.0	M 14	0.7101	0.717	0.2584
-0.2	-0.1	M 15	0.6799	0.763	0.1613
0.0	-0.1	M 16	0.7081	0.720	0.2520
0.2	-0.1	M 17	0.5789	0.919	-0.1628
0.4	-0.1	M 18	0.5084	1.033	-0.3895
0.6	-0.1	M 19	0.5603	0.949	-0.2227
-0.2	-0.2	M 20	0.6698	0.779	0.1290
0.0	-0.2	M 21	0.6783	0.766	0.1563
0.2	-0.2	M 22	0.5960	0.893	-0.1081
0.4	-0.2	M 23	0.5295	0.998	-0.3216
0.6	-0.2	M 24	0.5629	0.944	-0.2143

(S) RUN=123 ALPHA= 2 DEG MINF=0.835 REC= 3.98E+06  
PT= 2.29 ATM= 33.7 PSIA TT= 254. DEG K= 458. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6678	0.782	0.1120
0.0	0.2	M 2	0.6545	0.802	0.0690
0.2	0.2	M 3	0.5339	0.991	-0.3209
0.4	0.2	M 4	0.4575	1.119	-0.5681
0.6	0.2	M 5	0.4066	1.211	-0.7329
-0.2	0.1	M 6	0.6789	0.765	0.1479
0.0	0.1	M 7	0.6832	0.758	0.1619
0.2	0.1	M 8	0.4985	1.049	-0.4356
0.4	0.1	M 9	0.4366	1.156	-0.6357
0.6	0.1	M 10	0.4111	1.202	-0.7183
-0.3	0.0	M 12	0.6673	0.783	0.1106
-0.2	0.0	M 13	0.6854	0.755	0.1691
-0.1	0.0	M 14	0.7195	0.702	0.2793
-0.2	-0.1	M 15	0.6839	0.757	0.1640
0.0	-0.1	M 16	0.7102	0.717	0.2492
0.2	-0.1	M 17	0.5792	0.919	-0.1747
0.4	-0.1	M 18	0.5046	1.039	-0.4160
0.6	-0.1	M 19	0.5385	0.983	-0.3061
-0.2	-0.2	M 20	0.6765	0.769	0.1401
0.0	-0.2	M 21	0.6817	0.761	0.1570
0.2	-0.2	M 22	0.5997	0.887	-0.1081
0.4	-0.2	M 23	0.5268	1.002	-0.3440
0.6	-0.2	M 24	0.5393	0.982	-0.3034

(T) RUN=122 ALPHA= 2 DEG MINF=0.837 REC= 5.94E+06  
PT= 3.45 ATM= 50.8 PSIA TT= 257. DEG K= 462. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6678	0.782	0.1147
0.0	0.2	M 2	0.6539	0.803	0.0696
0.2	0.2	M 3	0.5343	0.990	-0.3165
0.4	0.2	M 4	0.4583	1.117	-0.5621
0.6	0.2	M 5	0.4058	1.212	-0.7314
-0.2	0.1	M 6	0.6795	0.764	0.1523
0.0	0.1	M 7	0.6801	0.763	0.1542
0.2	0.1	M 8	0.5012	1.045	-0.4236
0.4	0.1	M 9	0.4388	1.152	-0.6250
0.6	0.1	M 10	0.4132	1.199	-0.7078
-0.3	0.0	M 12	0.6663	0.784	0.1097
-0.2	0.0	M 13	0.6855	0.755	0.1717
-0.1	0.0	M 14	0.7189	0.703	0.2795
-0.2	-0.1	M 15	0.6840	0.757	0.1668
0.0	-0.1	M 16	0.7141	0.711	0.2640
0.2	-0.1	M 17	0.5777	0.921	-0.1765
0.4	-0.1	M 18	0.5007	1.045	-0.4249
0.6	-0.1	M 19	0.4998	1.047	-0.4280
-0.2	-0.2	M 20	0.6749	0.771	0.1376
0.0	-0.2	M 21	0.6834	0.758	0.1649
0.2	-0.2	M 22	0.5971	0.891	-0.1139
0.4	-0.2	M 23	0.5234	1.008	-0.3517
0.6	-0.2	M 24	0.5053	1.038	-0.4102

TABLE B-III. - WING MOUNTING BLOCK PRESSURE DATA; ALPHA = 2 DEG - Concluded

(U) RUN=121 ALPHA= 2 DEG MINF=0.836 REC= 8.03E+06  
 PT= 4.62 ATM= 68.0 PSIA TT= 255. DEG K= 458. DEG R

XW/C	Z/C	TAP	P/PT	M	CP
-0.2	0.2	M 1	0.6673	0.783	0.1109
0.0	0.2	M 2	0.6511	0.808	0.0585
0.2	0.2	M 3	0.5328	0.993	-0.3239
0.4	0.2	M 4	0.4613	1.112	-0.5553
0.6	0.2	M 5	0.4080	1.208	-0.7276
-0.2	0.1	M 6	0.6787	0.765	0.1479
0.0	0.1	M 7	0.6762	0.769	0.1399
0.2	0.1	M 8	0.4997	1.047	-0.4309
0.4	0.1	M 9	0.4396	1.150	-0.6254
0.6	0.1	M 10	0.4129	1.199	-0.7118
-0.3	0.0	M 12	0.6668	0.783	0.1095
-0.2	0.0	M 13	0.6859	0.754	0.1710
-0.1	0.0	M 14	0.7219	0.698	0.2876
-0.2	-0.1	M 15	0.6843	0.757	0.1660
0.0	-0.1	M 16	0.7181	0.704	0.2753
0.2	-0.1	M 17	0.5800	0.918	-0.1713
0.4	-0.1	M 18	0.5014	1.044	-0.4255
0.6	-0.1	M 19	0.4872	1.068	-0.4713
-0.2	-0.2	M 20	0.6750	0.771	0.1358
0.0	-0.2	M 21	0.6830	0.759	0.1617
0.2	-0.2	M 22	0.5975	0.890	-0.1148
0.4	-0.2	M 23	0.5236	1.008	-0.3536
0.6	-0.2	M 24	0.4957	1.054	-0.4440

# APPENDIX C

## TABULATED CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA

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TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG

(A) RUN= 36 ALPHA= 0 DEG MINF=0.501 REC= 2.02E+06  
PT= 1.60 ATM= 23.5 PSIA TT= 252. DEG K= 453. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.8412	0.503	-0.9092		0.0000	0.000	0.0000		T 22	0.8416	0.502	-0.0082	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.8415	0.503	-0.0093	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.8408	0.504	-0.0141	
-0.52	T 2	0.8399	0.506	-0.0181	T 12	0.8398	0.506	-0.0189		T 25	0.8412	0.503	-0.0114	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.8392	0.507	-0.0228	T 14	0.8388	0.507	-0.0251		T 27	0.8396	0.506	-0.0221	
0.23	T 5	0.8381	0.509	-0.0300	T 15	0.8382	0.509	-0.0293		T 28	0.8390	0.507	-0.0263	
0.48	T 6	0.8382	0.509	-0.0296	T 16	0.8378	0.509	-0.0321		T 29	0.8386	0.508	-0.0290	
0.73	T 7	0.8376	0.510	-0.0338	T 17	0.8383	0.508	-0.0305		T 30	0.8384	0.508	-0.0304	
0.98	T 8	0.8369	0.511	-0.0381	T 18	0.8385	0.508	-0.0292		T 31	0.8386	0.508	-0.0285	
1.23	T 9	0.8381	0.509	-0.0303	T 19	0.8393	0.507	-0.0239		T 32	0.8387	0.508	-0.0284	
1.48	T 10	0.8383	0.508	-0.0287	T 20	0.8390	0.507	-0.0262		T 33	0.8390	0.507	-0.0259	
1.98	T 11	0.8384	0.508	-0.0278	T 21	0.8393	0.507	-0.0237		T 34	0.8396	0.506	-0.0218	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.8419	0.502	-0.0065	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.8405	0.504	-0.0155		T 46	0.8407	0.504	-0.0144	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.8394	0.506	-0.0231		T 48	0.8395	0.506	-0.0223	
0.23		0.0000	0.000	0.0000	T 38	0.8392	0.507	-0.0249			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.8388	0.507	-0.0273			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.8387	0.508	-0.0279		T 50	0.8397	0.506	-0.0214	
0.98		0.0000	0.000	0.0000	T 41	0.8389	0.507	-0.0269		T 51	0.8372	0.510	-0.0380	
1.23		0.0000	0.000	0.0000	T 42	0.8000	0.000	0.0000		T 52	0.8386	0.508	-0.0287	
1.48		0.0000	0.000	0.0000	T 43	0.8391	0.507	-0.0254		T 53	0.8393	0.507	-0.0243	
1.98		0.0000	0.000	0.0000	T 44	0.8399	0.505	-0.0196		T 54	0.8399	0.505	-0.0196	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.8402	0.505	-0.0158		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.8426	0.501	0.0002		0.0000	0.000	0.0000		B 22	0.8422	0.501	-0.0023	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.8417	0.502	-0.0060	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.8408	0.504	-0.0121	
-0.52	B 2	0.8390	0.507	-0.0241	B 12	0.8401	0.505	-0.0166		B 25	0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.8391	0.507	-0.0234	B 14	0.8393	0.507	-0.0222		B 27	0.8387	0.508	-0.0263	
0.23	B 5	0.8387	0.508	-0.0258	B 15	0.8390	0.507	-0.0240		B 28	0.8385	0.508	-0.0275	
0.48	B 6	0.8380	0.509	-0.0309	B 16	0.8380	0.509	-0.0304		B 29	0.8382	0.509	-0.0293	
0.73	B 7	0.8381	0.509	-0.0303	B 17	0.8383	0.508	-0.0289		B 30	0.8381	0.509	-0.0303	
0.98	B 8	0.8382	0.508	-0.0292	B 18	0.8379	0.509	-0.0313		B 31	0.8385	0.508	-0.0275	
1.23	B 9	0.8384	0.508	-0.0283	B 19	0.8380	0.509	-0.0306		B 32	0.8385	0.508	-0.0275	
1.48	B 10	0.8380	0.509	-0.0307	B 20	0.8384	0.508	-0.0280		B 33	0.8382	0.509	-0.0296	
1.98	B 11	0.8396	0.506	-0.0203	B 21	0.8399	0.506	-0.0182		B 34	0.8384	0.508	-0.0284	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.8416	0.503	-0.0069	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 46	0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.8403	0.505	-0.0152			0.8395	0.506	-0.0214	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 48	0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.8396	0.506	-0.0197			0.8392	0.507	-0.0229	
0.23		0.0000	0.000	0.0000	B 38	0.8382	0.509	-0.0294			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.8387	0.508	-0.0264			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.8384	0.508	-0.0287		B 50	0.8370	0.511	-0.0379	
0.98		0.0000	0.000	0.0000	B 41	0.8384	0.508	-0.0283		B 51	0.8378	0.509	-0.0328	
1.23		0.0000	0.000	0.0000	B 42	0.8379	0.509	-0.0320		B 52	0.8381	0.509	-0.0308	
1.48		0.0000	0.000	0.0000	B 43	0.8381	0.509	-0.0308		B 53	0.8392	0.507	-0.0234	
1.98		0.0000	0.000	0.0000	B 44	0.8381	0.509	-0.0304		B 54	0.8399	0.506	-0.0183	
3.98	B 55	0.8364	0.512	-0.0419		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.8365	0.511	-0.0412		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(B) RUN= 37 ALPHA= 0 DEG MINF=0.501 REC= 4.05E+06  
PT= 3.22 ATM= 47.3 PSIA TT= 252. DEG K= 453. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.8430	0.500	-0.0013		0.0000	0.000	0.0000		T 22	0.8419	0.502	-0.0044	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.8421	0.502	-0.0029	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.8414	0.503	-0.0073	
-0.52	T 2	0.8421	0.502	-0.0070	T 12	0.8421	0.502	-0.0073		T 25	0.8415	0.503	-0.0068	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.8420	0.502	-0.0081	T 14	0.8410	0.504	-0.0147		T 27	0.8404	0.505	-0.0145	
0.23	T 5	0.8406	0.504	-0.0173	T 15	0.8400	0.505	-0.0213		T 28	0.8400	0.505	-0.0166	
0.48	T 6	0.8405	0.504	-0.0181	T 16	0.8401	0.505	-0.0209		T 29	0.8394	0.506	-0.0212	
0.73	T 7	0.8397	0.506	-0.0235	T 17	0.8390	0.507	-0.0236		T 30	0.8395	0.506	-0.0201	
0.98	T 8	0.8399	0.506	-0.0222	T 18	0.8390	0.507	-0.0238		T 31	0.0000	0.000	0.0000	
1.23	T 9	0.8401	0.505	-0.0210	T 19	0.8396	0.506	-0.0198		T 32	0.8397	0.506	-0.0187	
1.48	T 10	0.8406	0.504	-0.0174	T 20	0.8400	0.505	-0.0171		T 33	0.8402	0.505	-0.0154	
1.98	T 11	0.8415	0.503	-0.0116	T 21	0.8402	0.505	-0.0152		T 34	0.8404	0.505	-0.0143	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.8427	0.501	0.0011	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.8414	0.503	-0.0071		T 46	0.8412	0.503	-0.0088	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.8405	0.504	-0.0136		T 48	0.8402	0.505	-0.0156	
0.23		0.0000	0.000	0.0000	T 38	0.8402	0.505	-0.0157			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.8399	0.506	-0.0177			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.8396	0.506	-0.0196		T 50	0.8399	0.506	-0.0175	
0.98		0.0000	0.000	0.0000	T 41	0.8394	0.506	-0.0211		T 51	0.8405	0.504	-0.0133	
1.23		0.0000	0.000	0.0000	T 42	0.8398	0.506	-0.0180		T 52	0.8405	0.504	-0.0134	
1.48		0.0000	0.000	0.0000	T 43	0.8398	0.506	-0.0179		T 53	0.8399	0.505	-0.0174	
1.98		0.0000	0.000	0.0000	T 44	0.8404	0.505	-0.0143		T 54	0.8405	0.504	-0.0133	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.8407	0.504	-0.0133		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.8428	0.500	0.0010		0.0000	0.000	0.0000		B 22	0.8428	0.500	0.0011	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.8426	0.501	-0.0002	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.8416	0.502	-0.0071	
-0.52	B 2	0.8407	0.504	-0.0134	B 12	0.8410	0.504	-0.0114		B 25	0.8415	0.503	-0.0076	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.8402	0.505	-0.0164	B 14	0.8400	0.505	-0.0184		B 27	0.8393	0.507	-0.0230	
0.23	B 5	0.8395	0.506	-0.0217	B 15	0.0000	0.000	0.0000		B 28	0.8396	0.506	-0.0209	
0.48	B 6	0.8394	0.506	-0.0222	B 16	0.8394	0.506	-0.0218		B 29	0.8396	0.506	-0.0210	
0.73	B 7	0.8388	0.507	-0.0262	B 17	0.8392	0.507	-0.0235		B 30	0.8388	0.507	-0.0261	
0.98	B 8	0.8388	0.508	-0.0265	B 18	0.8385	0.508	-0.0281		B 31	0.8394	0.506	-0.0224	
1.23	B 9	0.8383	0.508	-0.0298	B 19	0.8392	0.507	-0.0236		B 32	0.8392	0.507	-0.0235	
1.48	B 10	0.8395	0.506	-0.0214	B 20	0.8388	0.507	-0.0259		B 33	0.8392	0.507	-0.0235	
1.98	B 11	0.8400	0.505	-0.0180	B 21	0.8397	0.506	-0.0200		B 34	0.8402	0.505	-0.0164	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.8430	0.500	0.0037	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.8411	0.503	-0.0106		B 46	0.8406	0.504	-0.0124	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.8401	0.505	-0.0174		B 48	0.8414	0.503	-0.0073	
0.23		0.0000	0.000	0.0000	B 38	0.8396	0.506	-0.0207			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.8399	0.506	-0.0176			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.8395	0.506	-0.0203		B 50	0.8390	0.507	-0.0237	
0.98		0.0000	0.000	0.0000	B 41	0.8388	0.507	-0.0248		B 51	0.8386	0.508	-0.0262	
1.23		0.0000	0.000	0.0000	B 42	0.8392	0.507	-0.0222		B 52	0.8397	0.506	-0.0191	
1.48		0.0000	0.000	0.0000	B 43	0.8399	0.506	-0.0175		B 53	0.8403	0.505	-0.0147	
1.98		0.0000	0.000	0.0000	B 44	0.8391	0.507	-0.0230		B 54	0.8307	0.522	-0.0799	
3.98	B 55	0.8413	0.503	-0.0083		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.8406	0.504	-0.0128		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(C) RUN= 38 ALPHA= 0 DEG MINF=0.500 REC= 5.97E+06  
PT= 4.71 ATM= 69.3 PSIA TT= 251. DEG K= 451. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.8424	0.501	-0.0070		0.0000	0.000	0.0000	T 22	0.8434	0.499	0.0025		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.8428	0.500	-0.0016		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.8423	0.501	-0.0052		
-0.52	T 2	0.8418	0.502	-0.0109	T 12	0.8422	0.501	-0.0083	T 25	0.8428	0.500	-0.0015		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 27	0.0000	0.000	0.0000		
-0.02	T 4	0.8412	0.503	-0.0140	T 14	0.8405	0.505	-0.0201	T 27	0.8412	0.503	-0.0122		
0.23	T 5	0.8408	0.504	-0.0179	T 15	0.8399	0.506	-0.0240	T 28	0.8409	0.504	-0.0144		
0.48	T 6	0.8407	0.504	-0.0187	T 16	0.8400	0.505	-0.0232	T 29	0.8404	0.505	-0.0179		
0.73	T 7	0.8396	0.506	-0.0259	T 17	0.8399	0.506	-0.0213	T 30	0.8402	0.505	-0.0188		
0.98	T 8	0.8398	0.506	-0.0247	T 18	0.8395	0.506	-0.0238	T 31	0.8398	0.506	-0.0221		
1.23	T 9	0.8403	0.505	-0.0209	T 19	0.8404	0.505	-0.0179	T 32	0.8403	0.505	-0.0184		
1.48	T 10	0.8407	0.504	-0.0184	T 20	0.8404	0.505	-0.0177	T 33	0.8407	0.504	-0.0159		
1.98	T 11	0.8421	0.502	-0.0091	T 21	0.8414	0.503	-0.0110	T 34	0.8413	0.503	-0.0120		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.8430	0.500	0.0001		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.8418	0.502	-0.0085	T 46	0.8422	0.501	-0.0056		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.8412	0.503	-0.0126	T 48	0.8405	0.505	-0.0174		
0.23		0.0000	0.000	0.0000	T 38	0.8410	0.504	-0.0137		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.8406	0.504	-0.0166		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.8404	0.505	-0.0181	T 50	0.8410	0.504	-0.0139		
0.98		0.0000	0.000	0.0000	T 41	0.8403	0.505	-0.0185	T 51	0.8414	0.503	-0.0107		
1.23		0.0000	0.000	0.0000	T 42	0.8397	0.506	-0.0228	T 52	0.8415	0.503	-0.0105		
1.48		0.0000	0.000	0.0000	T 43	0.8407	0.504	-0.0161	T 53	0.8411	0.503	-0.0133		
1.98		0.0000	0.000	0.0000	T 44	0.8414	0.503	-0.0109	T 54	0.8414	0.503	-0.0109		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.8411	0.503	-0.0150		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.8432	0.500	-0.6011		0.0000	0.000	0.0000	B 22	0.8429	0.500	-0.0028		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.8428	0.500	-0.0039		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.8419	0.502	-0.0100		
-0.52	B 2	0.8414	0.503	-0.0135	B 12	0.8410	0.504	-0.0158	B 25	0.8407	0.504	-0.0182		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	B 4	0.8404	0.505	-0.0201	B 14	0.8399	0.506	-0.0237	B 27	0.8398	0.506	-0.0239		
0.23	B 5	0.8397	0.506	-0.0248	B 15	0.8395	0.506	-0.0260	B 28	0.8394	0.506	-0.0268		
0.48	B 6	0.8399	0.506	-0.0237	B 16	0.8399	0.506	-0.0236	B 29	0.8392	0.507	-0.0282		
0.73	B 7	0.8391	0.507	-0.0287	B 17	0.8391	0.507	-0.0291	B 30	0.8395	0.506	-0.0262		
0.98	B 8	0.8396	0.506	-0.0255	B 18	0.8386	0.508	-0.0319	B 31	0.8391	0.507	-0.0286		
1.23	B 9	0.8400	0.505	-0.0230	B 19	0.8389	0.507	-0.0301	B 32	0.8392	0.507	-0.0283		
1.48	B 10	0.8400	0.505	-0.0230	B 20	0.8396	0.507	-0.0293	B 33	0.8397	0.506	-0.0250		
1.98	B 11	0.8408	0.504	-0.0172	B 21	0.8402	0.505	-0.0212	B 34	0.8406	0.504	-0.0186		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.8431	0.500	-0.0008		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.8413	0.503	-0.0137	B 46	0.8417	0.502	-0.0106		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.8400	0.505	-0.0228	B 48	0.8411	0.503	-0.0148		
0.23		0.0000	0.000	0.0000	B 38	0.8396	0.506	-0.0252		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.8406	0.504	-0.0179		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.8400	0.505	-0.0219	B 50	0.8400	0.505	-0.0217		
0.98		0.0000	0.000	0.0000	B 41	0.8401	0.505	-0.0211	B 51	0.8407	0.504	-0.0174		
1.23		0.0000	0.000	0.0000	B 42	0.8401	0.505	-0.0210	B 52	0.8400	0.505	-0.0219		
1.48		0.0000	0.000	0.0000	B 43	0.8409	0.504	-0.0157	B 53	0.8407	0.504	-0.0170		
1.98		0.0000	0.000	0.0000	B 44	0.8405	0.504	-0.0186	B 54	0.8407	0.504	-0.0171		
3.98	B 55	0.8426	0.501	-0.0045		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.8416	0.503	-0.0110		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-1. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG - Continued

(D) RUN= 39 ALPHA= 0 DEG MINF=0.601 REC= 6.06E+06  
PT= 4.18 ATM= 61.4 PSIA TT= 251. DEG K= 453. DEG R

## (1) TOP WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.7829	0.602	0.0001		0.0000	0.000	0.0000	T 22	0.7827	0.602	-0.0015		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.7824	0.603	-0.0031		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.7818	0.604	-0.0063		
-0.52	T 2	0.7817	0.604	-0.0062	T 12	0.7811	0.605	-0.0091	T 25	0.7813	0.604	-0.0087		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	T 4	0.7810	0.605	-0.0098	T 14	0.7795	0.607	-0.0169	T 27	0.7798	0.607	-0.0161		
0.23	T 5	0.7792	0.608	-0.0186	T 15	0.7783	0.609	-0.0232	T 28	0.7785	0.609	-0.0231		
0.48	T 6	0.7789	0.608	-0.0202	T 16	0.7781	0.610	-0.0244	T 29	0.7779	0.610	-0.0257		
0.73	T 7	0.7774	0.611	-0.0275	T 17	0.7774	0.611	-0.0285	T 30	0.7777	0.610	-0.0270		
0.98	T 8	0.7777	0.610	-0.0262	T 18	0.7771	0.611	-0.0297	T 31	0.0000	0.000	0.0000		
1.23	T 9	0.7785	0.609	-0.0221	T 19	0.7780	0.610	-0.0251	T 32	0.7781	0.610	-0.0248		
1.48	T 10	0.7798	0.607	-0.0156	T 20	0.7785	0.609	-0.0229	T 33	0.7788	0.608	-0.0211		
1.98	T 11	0.7808	0.605	-0.0107	T 21	0.7800	0.607	-0.0153	T 34	0.7797	0.607	-0.0166		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B= .833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.7829	0.602	-0.0009		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.7806	0.605	-0.0120	T 46	0.7812	0.605	-0.0094		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.7795	0.607	-0.0178	T 48	0.7793	0.608	-0.0189		
0.23		0.0000	0.000	0.0000	T 38	0.7787	0.609	-0.0216		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.7783	0.609	-0.0239		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.7778	0.610	-0.0265	T 50	0.7784	0.609	-0.0231		
0.98		0.0000	0.000	0.0000	T 41	0.7779	0.610	-0.0258	T 51	0.7783	0.609	-0.0240		
1.23		0.0000	0.000	0.0000	T 42	0.7758	0.613	-0.0362	T 52	0.7785	0.609	-0.0230		
1.48		0.0000	0.000	0.0000	T 43	0.7787	0.609	-0.0220	T 53	0.7786	0.609	-0.0225		
1.98		0.0000	0.000	0.0000	T 44	0.7800	0.606	-0.0152	T 54	0.7800	0.607	-0.0155		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.7790	0.608	-0.0221		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.7836	0.601	0.0012		0.0000	0.000	0.0000	B 22	0.7832	0.601	-0.0007		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.7828	0.602	-0.0025		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.7819	0.603	-0.0072		
-0.52	B 2	0.7805	0.606	-0.0143	B 12	0.7807	0.605	-0.0131	B 25	0.7817	0.604	-0.0082		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	B 4	0.7789	0.608	-0.0224	B 14	0.7784	0.609	-0.0248	B 27	0.7785	0.609	-0.0244		
0.23	B 5	0.7780	0.610	-0.0271	B 15	0.0000	0.000	0.0000	B 28	0.7786	0.609	-0.0241		
0.48	B 6	0.7780	0.610	-0.0267	B 16	0.7778	0.610	-0.0277	B 29	0.7774	0.611	-0.0298		
0.73	B 7	0.7766	0.612	-0.0340	B 17	0.7776	0.610	-0.0291	B 30	0.7773	0.611	-0.0303		
0.98	B 8	0.7774	0.611	-0.0302	B 18	0.7767	0.612	-0.0335	B 31	0.7772	0.611	-0.0312		
1.23	B 9	0.7788	0.608	-0.0229	B 19	0.7763	0.612	-0.0356	B 32	0.7775	0.611	-0.0294		
1.48	B 10	0.7784	0.609	-0.0250	B 20	0.7781	0.610	-0.0265	B 33	0.7784	0.609	-0.0248		
1.98	B 11	0.7799	0.607	-0.0174	B 21	0.7801	0.606	-0.0163	B 34	0.7797	0.607	-0.0186		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.7832	0.601	0.0005		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.7810	0.605	-0.0121	B 46	0.7807	0.605	-0.0122		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.7790	0.608	-0.0221	B 48	0.7795	0.607	-0.0180		
0.23		0.0000	0.000	0.0000	B 38	0.7784	0.609	-0.0249		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.7783	0.609	-0.0239		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.7778	0.610	-0.0267	B 50	0.7775	0.610	-0.0279		
0.98		0.0000	0.000	0.0000	B 41	0.7772	0.611	-0.0294	B 51	0.7768	0.612	-0.0317		
1.23		0.0000	0.000	0.0000	B 42	0.7776	0.610	-0.0276	B 52	0.7781	0.610	-0.0248		
1.48		0.0000	0.000	0.0000	B 43	0.7786	0.609	-0.0228	B 53	0.7786	0.609	-0.0226		
1.98		0.0000	0.000	0.0000	B 44	0.7794	0.607	-0.0186	B 54	0.0000	0.000	0.0000		
3.98	B 55	0.7803	0.606	-0.0138		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.7788	0.608	-0.0213		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(E) RUN= 48 ALPHA= 0 DEG MINF=0.695 REC= 5.99E+06  
PT= 3.76 ATM= 55.3 PSIA TT= 252. DEG K= 453. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.7238	0.695	-0.0015		0.0000	0.000	0.0000		T 22	0.7236	0.696	-0.0017	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.7222	0.698	-0.0074	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.7225	0.698	-0.0062	
-0.52	T 2	0.7213	0.699	-0.0118	T 12	0.7209	0.700	-0.0134		T 25	0.7211	0.700	-0.0120	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.7179	0.705	-0.0258	T 14	0.7183	0.704	-0.0243		T 27	0.7183	0.704	-0.0231	
0.23	T 5	0.7168	0.706	-0.0304	T 15	0.7163	0.707	-0.0324		T 28	0.7166	0.707	-0.0301	
0.48	T 6	0.7159	0.708	-0.0338	T 16	0.7143	0.710	-0.0405		T 29	0.7156	0.708	-0.0343	
0.73	T 7	0.7142	0.710	-0.0407	T 17	0.7146	0.710	-0.0384		T 30	0.7149	0.709	-0.0374	
0.98	T 8	0.7144	0.710	-0.0399	T 18	0.7146	0.710	-0.0386		T 31	0.7151	0.709	-0.0363	
1.23	T 9	0.7160	0.708	-0.0335	T 19	0.7163	0.707	-0.0317		T 32	0.7156	0.708	-0.0342	
1.48	T 10	0.7175	0.705	-0.0275	T 20	0.7172	0.706	-0.0279		T 33	0.7170	0.706	-0.0288	
1.98	T 11	0.7200	0.701	-0.0173	T 21	0.7181	0.704	-0.0243		T 34	0.7192	0.703	-0.0195	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.7242	0.695	0.0006	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.7208	0.700	-0.0132		T 46	0.7211	0.700	-0.0118	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.7183	0.704	-0.0233		T 48	0.7182	0.704	-0.0239	
0.23		0.0000	0.000	0.0000	T 38	0.7169	0.706	-0.0290			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.7162	0.707	-0.0320			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.7154	0.709	-0.0350		T 50	0.7158	0.708	-0.0335	
0.98		0.0000	0.000	0.0000	T 41	0.7152	0.709	-0.0360		T 51	0.7163	0.707	-0.0315	
1.23		0.0000	0.000	0.0000	T 42	0.7153	0.709	-0.0357		T 52	0.7167	0.707	-0.0300	
1.48		0.0000	0.000	0.0000	T 43	0.7172	0.706	-0.0279		T 53	0.7169	0.706	-0.0289	
1.98		0.0000	0.000	0.0000	T 44	0.7193	0.702	-0.0190		T 54	0.7193	0.702	-0.0191	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.7167	0.707	-0.0320		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.7246	0.694	0.0006		0.0000	0.000	0.0000		B 22	0.0000	0.000	0.0000	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.0000	0.000	0.0000	
-0.52	B 2	0.7204	0.701	-0.0167	B 12	0.7211	0.700	-0.0138		B 25	0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.7174	0.705	-0.0288	B 14	0.7170	0.706	-0.0304		B 27	0.0000	0.000	0.0000	
0.23	B 5	0.7154	0.709	-0.0372	B 15	0.7159	0.708	-0.0350		B 28	0.0000	0.000	0.0000	
0.48	B 6	0.7141	0.711	-0.0425	B 16	0.7133	0.712	-0.0456		B 29	0.0000	0.000	0.0000	
0.73	B 7	0.7129	0.712	-0.0472	B 17	0.7125	0.713	-0.0488		B 30	0.0000	0.000	0.0000	
0.98	B 8	0.7141	0.711	-0.0424	B 18	0.7138	0.711	-0.0436		B 31	0.0000	0.000	0.0000	
1.23	B 9	0.7146	0.710	-0.0406	B 19	0.7149	0.709	-0.0393		B 32	0.0000	0.000	0.0000	
1.48	B 10	0.7165	0.707	-0.0325	B 20	0.7160	0.708	-0.0348		B 33	0.0000	0.000	0.0000	
1.98	B 11	0.7190	0.703	-0.0224	B 21	0.7192	0.703	-0.0217		B 34	0.0000	0.000	0.0000	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.7238	0.696	-0.0008	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.7205	0.701	-0.0163		B 46	0.7205	0.701	-0.0143	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.7173	0.706	-0.0295		B 48	0.7179	0.705	-0.0247	
0.23		0.0000	0.000	0.0000	B 38	0.7157	0.708	-0.0361			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.7150	0.709	-0.0366			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.7143	0.710	-0.0396		B 50	0.7137	0.711	-0.0421	
0.98		0.0000	0.000	0.0000	B 41	0.7143	0.710	-0.0394		B 51	0.7127	0.713	-0.0458	
1.23		0.0000	0.000	0.0000	B 42	0.7148	0.709	-0.0373		B 52	0.7149	0.709	-0.0371	
1.48		0.0000	0.000	0.0000	B 43	0.7162	0.707	-0.0319		B 53	0.7163	0.707	-0.0313	
1.98		0.0000	0.000	0.0000	B 44	0.7184	0.704	-0.0227		B 54	0.7173	0.706	-0.0274	
3.98	B 55	0.7190	0.703	-0.0203		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.7159	0.708	-0.0329		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-1. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG - Continued

(F) RUN=181 ALPHA= 0 DEG MINF=0.796 REC= 7.93E+06  
PT= 4.84 ATM= 71.1 PSIA TT= 261. DEG K= 470. DEG R

## (1) TOP WALL

2Y/B= .250					2Y/B= .500				2Y/B= .750			
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
-2.02	T 1	0.6572	0.798	-0.0071		0.0000	0.000	0.0000	T 22	0.6583	0.797	-0.0016
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.6577	0.797	-0.0038
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.6565	0.799	-0.0079
-0.52	T 2	0.6537	0.804	-0.0190	T 12	0.6533	0.804	-0.0205	T 25	0.6543	0.803	-0.0153
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-0.02	T 4	0.6470	0.814	-0.0419	T 14	0.6468	0.814	-0.0425	T 27	0.6485	0.811	-0.0350
0.23	T 5	0.6423	0.821	-0.0582	T 15	0.6426	0.821	-0.0571	T 28	0.6439	0.819	-0.0509
0.48	T 6	0.6391	0.826	-0.0691	T 16	0.6385	0.827	-0.0712	T 29	0.6400	0.825	-0.0642
0.73	T 7	0.6371	0.829	-0.0761	T 17	0.6380	0.828	-0.0710	T 30	0.6385	0.827	-0.0695
0.98	T 8	0.6383	0.827	-0.0717	T 18	0.6393	0.826	-0.0666	T 31	0.6398	0.825	-0.0650
1.23	T 9	0.6416	0.822	-0.0605	T 19	0.6430	0.820	-0.0539	T 32	0.6429	0.820	-0.0543
1.48	T 10	0.6454	0.816	-0.0475	T 20	0.6465	0.815	-0.0421	T 33	0.6460	0.815	-0.0437
1.98	T 11	0.6498	0.810	-0.0325	T 21	0.6506	0.808	-0.0280	T 34	0.6501	0.809	-0.0295
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000

2Y/B= .833					2Y/B=1.000				2Y/B=1.333			
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.6582	0.797	-0.0019
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-0.52		0.0000	0.000	0.0000	T 35	0.6539	0.803	-0.0165	T 46	0.6534	0.804	-0.0183
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-0.02		0.0000	0.000	0.0000	T 37	0.6482	0.812	-0.0362	T 48	0.6484	0.812	-0.0353
0.23		0.0000	0.000	0.0000	T 38	0.6446	0.817	-0.0484		0.0000	0.000	0.0000
0.48		0.0000	0.000	0.0000	T 39	0.6411	0.823	-0.0605		0.0000	0.000	0.0000
0.73		0.0000	0.000	0.0000	T 40	0.6393	0.826	-0.0665	T 50	0.6416	0.822	-0.0588
0.98		0.0000	0.000	0.0000	T 41	0.6403	0.824	-0.0633	T 51	0.6414	0.822	-0.0594
1.23		0.0000	0.000	0.0000	T 42	0.6418	0.822	-0.0580	T 52	0.6432	0.820	-0.0532
1.48		0.0000	0.000	0.0000	T 43	0.6454	0.816	-0.0456	T 53	0.6456	0.816	-0.0451
1.98		0.0000	0.000	0.0000	T 44	0.6498	0.810	-0.0306	T 54	0.6494	0.810	-0.0321
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000

## (2) BOTTOM WALL

2Y/B= .250					2Y/B= .500				2Y/B= .750			
KW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
-2.02	B 1	0.6587	0.796	-0.0006		0.0000	0.000	0.0000	B 22	0.6580	0.797	-0.0028
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.6578	0.797	-0.0037
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.6561	0.800	-0.0095
-0.52	B 2	0.6535	0.804	-0.0185	B 12	0.6532	0.804	-0.0195	B 25	0.6527	0.805	-0.0210
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-0.02	B 4	0.6459	0.816	-0.0443	B 14	0.6458	0.816	-0.0448	B 27	0.6461	0.815	-0.0436
0.23	B 5	0.6406	0.824	-0.0625	B 15	0.6409	0.823	-0.0614	B 28	0.6420	0.821	-0.0576
0.48	B 6	0.6366	0.830	-0.0762	B 16	0.6366	0.830	-0.0762	B 29	0.6378	0.828	-0.0721
0.73	B 7	0.6331	0.835	-0.0882	B 17	0.6359	0.831	-0.0785	B 30	0.6363	0.830	-0.0773
0.98	B 8	0.6368	0.830	-0.0757	B 18	0.6362	0.831	-0.0777	B 31	0.6373	0.829	-0.0737
1.23	B 9	0.6410	0.823	-0.0611	B 19	0.6411	0.823	-0.0607	B 32	0.6409	0.823	-0.0616
1.48	B 10	0.6443	0.818	-0.0500	B 20	0.6438	0.819	-0.0514	B 33	0.6444	0.818	-0.0497
1.98	B 11	0.6497	0.810	-0.0312	B 21	0.6490	0.811	-0.0338	B 34	0.6485	0.812	-0.0353
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000

2Y/B= .833				2Y/B=1.000				2Y/B=1.333				
KW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.6588	0.796	0.0025
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-0.52		0.0000	0.000	0.0000	B 35	0.6525	0.805	-0.0216	B 46	0.6532	0.804	-0.0167
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-0.02		0.0000	0.000	0.0000	B 37	0.6465	0.815	-0.0422	B 48	0.6470	0.814	-0.0380
0.23		0.0000	0.000	0.0000	B 38	0.6421	0.821	-0.0572		0.0000	0.000	0.0000
0.48		0.0000	0.000	0.0000	B 39	0.6399	0.825	-0.0621		0.0000	0.000	0.0000
0.73		0.0000	0.000	0.0000	B 40	0.6381	0.828	-0.0683	B 50	0.6402	0.824	-0.0612
0.98		0.0000	0.000	0.0000	B 41	0.6389	0.826	-0.0656	B 51	0.6382	0.827	-0.0680
1.23		0.0000	0.000	0.0000	B 42	0.6417	0.822	-0.0561	B 52	0.6415	0.822	-0.0566
1.48		0.0000	0.000	0.0000	B 43	0.6451	0.817	-0.0443	B 53	0.6445	0.818	-0.0465
1.98		0.0000	0.000	0.0000	B 44	0.6506	0.808	-0.0258	B 54	0.6491	0.811	-0.0307
3.98	B 55	0.6519	0.806	-0.0210		0.0000	0.000	0.0000		0.0000	0.000	0.0000
5.98	B 56	0.6501	0.809	-0.0274		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(G) RUN=182 ALPHA= 0 DEG MINF=0.807 REC= 7.94E+06  
PT= 4.81 ATM= 70.7 PSIA TT= 261. DEG K= 470. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6525	0.805	0.0029		0.0000	0.000	0.0000		T 22	0.6510	0.808	-0.0018	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6516	0.807	0.0004	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6503	0.809	-0.0040	
-0.52	T 2	0.6492	0.811	-0.0083	T 12	0.6486	0.811	-0.0103		T 25	0.6474	0.813	-0.0139	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6424	0.821	-0.0310	T 14	0.6415	0.822	-0.0342		T 27	0.6404	0.824	-0.0374	
0.23	T 5	0.6363	0.830	-0.0517	T 15	0.6364	0.830	-0.0514		T 28	0.6363	0.830	-0.0512	
0.48	T 6	0.6329	0.836	-0.0632	T 16	0.6318	0.837	-0.0668		T 29	0.6319	0.837	-0.0659	
0.73	T 7	0.6302	0.840	-0.0723	T 17	0.6294	0.841	-0.0745		T 30	0.6300	0.840	-0.0724	
0.98	T 8	0.6316	0.838	-0.0675	T 18	0.6312	0.838	-0.0685		T 31	0.6317	0.837	-0.0666	
1.23	T 9	0.6358	0.831	-0.0535	T 19	0.6352	0.832	-0.0550		T 32	0.6344	0.833	-0.0577	
1.48	T 10	0.6399	0.825	-0.0393	T 20	0.6390	0.826	-0.0419		T 33	0.6384	0.827	-0.0440	
1.98	T 11	0.6449	0.817	-0.0226	T 21	0.6439	0.819	-0.0254		T 34	0.6434	0.819	-0.0273	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6526	0.805	0.0038	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6477	0.813	-0.0128		T 46	0.6475	0.813	-0.0134	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6414	0.822	-0.0339		T 48	0.6417	0.822	-0.0331	
0.23		0.0000	0.000	0.0000	T 38	0.6373	0.829	-0.0480			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6332	0.835	-0.0618			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.6310	0.838	-0.0691		T 50	0.6330	0.835	-0.0622	
0.98		0.0000	0.000	0.0000	T 41	0.6322	0.837	-0.0650		T 51	0.6324	0.836	-0.0644	
1.23		0.0000	0.000	0.0000	T 42	0.6355	0.832	-0.0539		T 52	0.6350	0.832	-0.0554	
1.48		0.0000	0.000	0.0000	T 43	0.6384	0.827	-0.0441		T 53	0.6385	0.827	-0.0439	
1.98		0.0000	0.000	0.0000	T 44	0.6424	0.821	-0.0306		T 54	0.6429	0.820	-0.0288	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6532	0.804	0.0056		0.0000	0.000	0.0000		B 22	0.6529	0.805	0.0046	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6524	0.806	0.0028	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6511	0.808	-0.0014	
-0.52	B 2	0.6478	0.813	-0.0127	B 12	0.6477	0.813	-0.0128		B 25	0.6478	0.813	-0.0126	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6391	0.826	-0.0418	B 14	0.6396	0.825	-0.0403		B 27	0.6400	0.825	-0.0390	
0.23	B 5	0.6333	0.835	-0.0615	B 15	0.6335	0.835	-0.0607		B 28	0.6354	0.832	-0.0544	
0.48	B 6	0.6285	0.842	-0.0774	B 16	0.6279	0.843	-0.0796		B 29	0.6295	0.841	-0.0741	
0.73	B 7	0.6245	0.849	-0.0911	B 17	0.6268	0.845	-0.0833		B 30	0.6279	0.843	-0.0797	
0.98	B 8	0.6287	0.842	-0.0769	B 18	0.6285	0.842	-0.0776		B 31	0.6295	0.841	-0.0740	
1.23	B 9	0.6344	0.833	-0.0576	B 19	0.6341	0.834	-0.0587		B 32	0.6334	0.835	-0.0610	
1.48	B 10	0.6379	0.828	-0.0460	B 20	0.6373	0.829	-0.0480		B 33	0.6376	0.828	-0.0470	
1.98	B 11	0.6434	0.819	-0.0274	B 21	0.6428	0.820	-0.0293		B 34	0.6428	0.820	-0.0294	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6531	0.805	0.0052	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6473	0.813	-0.0142		B 46	0.6468	0.814	-0.0158	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6404	0.824	-0.0375		B 48	0.6397	0.825	-0.0399	
0.23		0.0000	0.000	0.0000	B 38	0.6354	0.832	-0.0543			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6311	0.838	-0.0687			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6290	0.842	-0.0760		B 50	0.6297	0.840	-0.0734	
0.98		0.0000	0.000	0.0000	B 41	0.6302	0.840	-0.0717		B 51	0.6296	0.841	-0.0739	
1.23		0.0000	0.000	0.0000	B 42	0.6335	0.835	-0.0607		B 52	0.6333	0.835	-0.0613	
1.48		0.0000	0.000	0.0000	B 43	0.6379	0.828	-0.0460		B 53	0.6374	0.829	-0.0475	
1.98		0.0000	0.000	0.0000	B 44	0.6427	0.820	-0.0296		B 54	0.6417	0.822	-0.0331	
3.98	B 55	0.6440	0.819	-0.0255		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6424	0.821	-0.0306		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(H) RUN= 42 ALPHA= 0 DEG MINF=0.820 REC= 2.08E+06  
PT= 1.21 ATM= 17.7 PSIA TT= 254. DEG K= 458. DEG R

## (1) TOP WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6421	0.821	-0.0017		0.0000	0.000	0.0000		T 22	0.6415	0.822	-0.0063	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6406	0.824	-0.0095	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6381	0.828	-0.0176	
-0.52	T 2	0.6366	0.830	-0.0200	T 12	0.6366	0.830	-0.0200		T 25	0.6354	0.832	-0.0265	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
0.23	T 4	0.6292	0.841	-0.0443	T 14	0.6269	0.845	-0.0519		T 27	0.6266	0.845	-0.0555	
0.48	T 5	0.6197	0.856	-0.0758	T 15	0.6189	0.857	-0.0784		T 28	0.6196	0.856	-0.0787	
0.73	T 6	0.6136	0.865	-0.0958	T 16	0.6134	0.866	-0.0967		T 29	0.6139	0.865	-0.0975	
0.98	T 7	0.6098	0.871	-0.1086	T 17	0.6098	0.871	-0.1111		T 30	0.6109	0.869	-0.1075	
1.23	T 8	0.6125	0.867	-0.0996	T 18	0.6127	0.867	-0.1015		T 31	0.6123	0.867	-0.1028	
1.48	T 9	0.6178	0.859	-0.0820	T 19	0.6175	0.859	-0.0856		T 32	0.6180	0.859	-0.0842	
1.98	T 10	0.6233	0.850	-0.0640	T 20	0.6224	0.852	-0.0694		T 33	0.6229	0.851	-0.0679	
3.98	T 11	0.6299	0.840	-0.0420	T 21	0.6276	0.844	-0.0523		T 34	0.6271	0.844	-0.0539	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B= 1.000					2Y/B= 1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6414	0.822	-0.0067	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6347	0.833	-0.0287		T 46	0.6344	0.833	-0.0300	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6261	0.846	-0.0572		T 48	0.6259	0.846	-0.0578	
0.23		0.0000	0.000	0.0000	T 38	0.6204	0.855	-0.0762			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6152	0.863	-0.0934			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.6122	0.867	-0.1032		T 50	0.6152	0.863	-0.0934	
0.98		0.0000	0.000	0.0000	T 41	0.6132	0.866	-0.1000		T 51	0.6108	0.870	-0.1079	
1.23		0.0000	0.000	0.0000	T 42	0.6167	0.860	-0.0882		T 52	0.6157	0.862	-0.0918	
1.48		0.0000	0.000	0.0000	T 43	0.6214	0.853	-0.0727		T 53	0.6206	0.855	-0.0756	
1.98		0.0000	0.000	0.0000	T 44	0.6273	0.844	-0.0534		T 54	0.6268	0.845	-0.0551	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.6229	0.851	-0.0680		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6425	0.821	-0.0031		0.0000	0.000	0.0000		B 22	0.6428	0.820	-0.0020	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6413	0.823	-0.0070	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6392	0.826	-0.0139	
-0.52	B 2	0.6338	0.834	-0.0319	B 12	0.6364	0.830	-0.0232		B 25	0.6334	0.835	-0.0332	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6253	0.847	-0.0598	B 14	0.6264	0.846	-0.0563		B 27	0.6261	0.846	-0.0572	
0.23	B 5	0.6175	0.859	-0.0857	B 15	0.6176	0.859	-0.0853		B 28	0.6197	0.856	-0.0786	
0.48	B 6	0.6122	0.867	-0.1031	B 16	0.6112	0.869	-0.1065		B 29	0.6142	0.864	-0.0965	
0.73	B 7	0.6074	0.875	-0.1192	B 17	0.6042	0.880	-0.1296		B 30	0.6095	0.872	-0.1122	
0.98	B 8	0.6112	0.869	-0.1066	B 18	0.6112	0.869	-0.1066		B 31	0.6109	0.869	-0.1074	
1.23	B 9	0.6186	0.858	-0.0821	B 19	0.6156	0.862	-0.0919		B 32	0.6163	0.861	-0.0898	
1.48	B 10	0.6216	0.853	-0.0720	B 20	0.6206	0.854	-0.0753		B 33	0.6223	0.852	-0.0698	
1.98	B 11	0.6274	0.844	-0.0529	B 21	0.6288	0.842	-0.0484		B 34	0.6268	0.845	-0.0549	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B= 1.000					2Y/B= 1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6417	0.822	-0.0051	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6351	0.832	-0.0275		B 46	0.6332	0.835	-0.0331	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6259	0.846	-0.0580		B 48	0.6284	0.842	-0.0490	
0.23		0.0000	0.000	0.0000	B 38	0.6227	0.851	-0.0685			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6144	0.864	-0.0952			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6104	0.870	-0.1085		B 50	0.6108	0.870	-0.1070	
0.98		0.0000	0.000	0.0000	B 41	0.6112	0.869	-0.1060		B 51	0.6118	0.868	-0.1037	
1.23		0.0000	0.000	0.0000	B 42	0.6155	0.862	-0.0917		B 52	0.6176	0.859	-0.0846	
1.48		0.0000	0.000	0.0000	B 43	0.6210	0.854	-0.0733		B 53	0.6208	0.854	-0.0741	
1.98		0.0000	0.000	0.0000	B 44	0.6263	0.846	-0.0558		B 54	0.6270	0.845	-0.0536	
3.98	B 55	0.6269	0.845	-0.0538		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6212	0.854	-0.0727		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(I) RUN= 43 ALPHA= 0 DEG MINF=0.817 REC= 3.95E+06  
PT= 2.26 ATM= 33.2 PSIA TT= 251. DEG K= 452. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6441	0.818	-0.0040		0.0000	0.000	0.0000		T 22	0.6439	0.819	-0.0046	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6432	0.820	-0.0071	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6412	0.823	-0.0136	
-0.52	T 2	0.6393	0.826	-0.0198	T 12	0.6381	0.827	-0.0238		T 25	0.6393	0.826	-0.0199	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6301	0.840	-0.0505	T 14	0.6304	0.839	-0.0495		T 27	0.6310	0.838	-0.0473	
0.23	T 5	0.6243	0.849	-0.0697	T 15	0.6232	0.851	-0.0735		T 28	0.6243	0.849	-0.0697	
0.48	T 6	0.6192	0.857	-0.0868	T 16	0.6177	0.859	-0.0917		T 29	0.6187	0.857	-0.0882	
0.73	T 7	0.6153	0.863	-0.0998	T 17	0.6151	0.863	-0.1004		T 30	0.6160	0.862	-0.0972	
0.98	T 8	0.6179	0.859	-0.0910	T 18	0.6175	0.859	-0.0922		T 31	0.6177	0.859	-0.0915	
1.23	T 9	0.6232	0.850	-0.0734	T 19	0.6228	0.851	-0.0748		T 32	0.6225	0.852	-0.0758	
1.48	T 10	0.6278	0.843	-0.0582	T 20	0.6276	0.844	-0.0587		T 33	0.6270	0.845	-0.0606	
1.98	T 11	0.6332	0.835	-0.0404	T 21	0.6324	0.836	-0.0428		T 34	0.6320	0.837	-0.0443	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6443	0.818	-0.0032	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6380	0.828	-0.0243		T 46	0.6378	0.828	-0.0249	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6308	0.839	-0.0481		T 48	0.6301	0.840	-0.0504	
0.23		0.0000	0.000	0.0000	T 38	0.6258	0.846	-0.0646			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6203	0.855	-0.0830			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.6177	0.859	-0.0917		T 50	0.6197	0.856	-0.0850	
0.98		0.0000	0.000	0.0000	T 41	0.6187	0.857	-0.0882		T 51	0.6181	0.858	-0.0904	
1.23		0.0000	0.000	0.0000	T 42	0.6207	0.854	-0.0818		T 52	0.6216	0.853	-0.0788	
1.48		0.0000	0.000	0.0000	T 43	0.6263	0.846	-0.0631		T 53	0.6256	0.847	-0.0655	
1.98		0.0000	0.000	0.0000	T 44	0.6318	0.837	-0.0447		T 54	0.6314	0.838	-0.0461	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.6271	0.844	-0.0593		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6442	0.818	-0.0025		0.0000	0.000	0.0000		B 22	0.6447	0.817	-0.0010	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6434	0.819	-0.0054	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6416	0.822	-0.0112	
-0.52	B 2	0.6377	0.828	-0.0242	B 12	0.6382	0.827	-0.0225		B 25	0.6366	0.830	-0.0280	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6293	0.841	-0.0522	B 14	0.6290	0.842	-0.0531		B 27	0.6289	0.842	-0.0534	
0.23	B 5	0.6214	0.853	-0.0784	B 15	0.6226	0.851	-0.0744		B 28	0.6236	0.850	-0.0709	
0.48	B 6	0.6158	0.862	-0.0969	B 16	0.6157	0.862	-0.0971		B 29	0.6165	0.861	-0.0946	
0.73	B 7	0.6119	0.868	-0.1099	B 17	0.6129	0.866	-0.1065		B 30	0.6141	0.865	-0.1024	
0.98	B 8	0.6156	0.862	-0.0974	B 18	0.6152	0.863	-0.0989		B 31	0.6158	0.862	-0.0969	
1.23	B 9	0.6223	0.852	-0.0755	B 19	0.6205	0.855	-0.0811		B 32	0.6212	0.854	-0.0790	
1.48	B 10	0.6260	0.846	-0.0632	B 20	0.6253	0.847	-0.0653		B 33	0.6256	0.847	-0.0644	
1.98	B 11	0.6326	0.836	-0.0412	B 21	0.6322	0.837	-0.0425		B 34	0.6322	0.837	-0.0424	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6440	0.818	-0.0043	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6378	0.828	-0.0240		B 46	0.6366	0.830	-0.0288	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6295	0.841	-0.0513		B 48	0.6296	0.841	-0.0521	
0.23		0.0000	0.000	0.0000	B 38	0.6242	0.849	-0.0690			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6177	0.859	-0.0917			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6146	0.864	-0.1020		B 50	0.6156	0.862	-0.0986	
0.98		0.0000	0.000	0.0000	B 41	0.6163	0.861	-0.0964		B 51	0.6160	0.862	-0.0973	
1.23		0.0000	0.000	0.0000	B 42	0.6203	0.855	-0.0829		B 52	0.6204	0.855	-0.0827	
1.48		0.0000	0.000	0.0000	B 43	0.6251	0.848	-0.0670		B 53	0.6243	0.849	-0.0698	
1.98		0.0000	0.000	0.0000	B 44	0.6295	0.841	-0.0526		B 54	0.6297	0.841	-0.0520	
3.98	B 55	0.6313	0.838	-0.0465		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6255	0.847	-0.0659		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(J) RUN= 49 ALPHA= 0 DEG MINF=0.816 REC= 5.97E+06  
PT= 3.41 ATM= 50.1 PSIA TT= 251. DEG K= 452. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6446	0.818	-0.0039		0.0000	0.000	0.0000		T 22	0.6449	0.817	-0.0029	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6437	0.819	-0.0069	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6418	0.822	-0.0130	
-0.52	T 2	0.6403	0.824	-0.0181	T 12	0.6391	0.826	-0.0223		T 25	0.6393	0.826	-0.0213	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6309	0.839	-0.0496	T 14	0.6317	0.837	-0.0469		T 27	0.6324	0.836	-0.0444	
0.23	T 5	0.6247	0.848	-0.0700	T 15	0.6235	0.850	-0.0740		T 28	0.6257	0.847	-0.0665	
0.48	T 6	0.6197	0.856	-0.0866	T 16	0.6172	0.860	-0.0951		T 29	0.6200	0.855	-0.0856	
0.73	T 7	0.6157	0.862	-0.1002	T 17	0.6163	0.861	-0.0980		T 30	0.6174	0.859	-0.0942	
0.98	T 8	0.6185	0.858	-0.0906	T 18	0.6185	0.858	-0.0906		T 31	0.6193	0.857	-0.0881	
1.23	T 9	0.6242	0.849	-0.0717	T 19	0.6243	0.849	-0.0712		T 32	0.6237	0.850	-0.0733	
1.48	T 10	0.6286	0.842	-0.0571	T 20	0.6282	0.843	-0.0585		T 33	0.6287	0.842	-0.0565	
1.98	T 11	0.6344	0.833	-0.0380	T 21	0.6340	0.834	-0.0389		T 34	0.6331	0.835	-0.0419	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6453	0.816	-0.0014	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 46	0.6392	0.826	-0.0217	
-0.52		0.0000	0.000	0.0000	T 35	0.6382	0.827	-0.0252			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 48	0.6313	0.838	-0.0480	
-0.02		0.0000	0.000	0.0000	T 37	0.6319	0.837	-0.0458			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	T 38	0.6270	0.845	-0.0624			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6216	0.853	-0.0801		T 50	0.6218	0.853	-0.0797	
0.73		0.0000	0.000	0.0000	T 40	0.6187	0.857	-0.0899		T 51	0.6228	0.851	-0.0763	
0.98		0.0000	0.000	0.0000	T 41	0.6200	0.855	-0.0854		T 52	0.6252	0.847	-0.0683	
1.23		0.0000	0.000	0.0000	T 42	0.6239	0.849	-0.0725		T 53	0.6273	0.844	-0.0615	
1.48		0.0000	0.000	0.0000	T 43	0.6280	0.843	-0.0589		T 54	0.6334	0.835	-0.0410	
1.98		0.0000	0.000	0.0000	T 44	0.6339	0.834	-0.0394			0.0000	0.000	0.0000	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.6287	0.842	-0.0563		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6457	0.816	0.0000		0.0000	0.000	0.0000		B 22	0.6456	0.816	-0.0001	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6443	0.818	-0.0046	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6430	0.820	-0.0089	
-0.52	B 2	0.6399	0.825	-0.0191	B 12	0.6399	0.825	-0.0193		B 25	0.6392	0.826	-0.0213	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6307	0.839	-0.0497	B 14	0.6307	0.839	-0.0498		B 27	0.0000	0.000	0.0000	
0.23	B 5	0.6237	0.850	-0.0730	B 15	0.6234	0.850	-0.0741		B 28	0.6249	0.848	-0.0689	
0.48	B 6	0.6176	0.859	-0.0934	B 16	0.6173	0.860	-0.0943		B 29	0.6169	0.860	-0.0957	
0.73	B 7	0.6136	0.865	-0.1065	B 17	0.6141	0.865	-0.1050		B 30	0.6162	0.861	-0.0978	
0.98	B 8	0.6178	0.859	-0.0927	B 18	0.6172	0.860	-0.0947		B 31	0.6178	0.859	-0.0926	
1.23	B 9	0.6236	0.850	-0.0735	B 19	0.6224	0.852	-0.0774		B 32	0.6230	0.851	-0.0753	
1.48	B 10	0.6281	0.843	-0.0585	B 20	0.6272	0.844	-0.0614		B 33	0.6279	0.843	-0.0591	
1.98	B 11	0.6348	0.833	-0.0360	B 21	0.6343	0.833	-0.0378		B 34	0.6337	0.834	-0.0399	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6453	0.817	-0.0006	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 46	0.6384	0.827	-0.0235	
-0.52		0.0000	0.000	0.0000	B 35	0.6391	0.826	-0.0219			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 48	0.6324	0.836	-0.0433	
-0.02		0.0000	0.000	0.0000	B 37	0.6315	0.838	-0.0470			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	B 38	0.6256	0.847	-0.0668			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6205	0.855	-0.0830			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6173	0.860	-0.0935		B 50	0.6187	0.857	-0.0890	
0.98		0.0000	0.000	0.0000	B 41	0.6185	0.858	-0.0896		B 51	0.6194	0.856	-0.0864	
1.23		0.0000	0.000	0.0000	B 42	0.6237	0.850	-0.0723		B 52	0.6228	0.851	-0.0751	
1.48		0.0000	0.000	0.0000	B 43	0.6276	0.844	-0.0594		B 53	0.6270	0.845	-0.0613	
1.98		0.0000	0.000	0.0000	B 44	0.6321	0.837	-0.0444		B 54	0.6322	0.837	-0.0439	
3.98	B 55	0.6342	0.833	-0.0373		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6290	0.842	-0.0548		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(K) RUN= 45 ALPHA= 0 DEG MINF=0.815 REC= 8.29E+06  
PT= 4.78 ATM= 70.3 PSIA TT= 253. DEG K= 455. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6452	0.817	-0.0038		0.0000	0.000	0.0000		T 22	0.6438	0.819	-0.0091	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6437	0.819	-0.0096	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6431	0.820	-0.0114	
-0.52	T 2	0.6405	0.824	-0.0196	T 12	0.6399	0.825	-0.0216		T 25	0.6388	0.826	-0.0258	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6314	0.838	-0.0500	T 14	0.6311	0.838	-0.0510		T 27	0.0000	0.000	0.0000	
0.23	T 5	0.6256	0.847	-0.0692	T 15	0.6248	0.848	-0.0717		T 28	0.6254	0.847	-0.0706	
0.48	T 6	0.6209	0.854	-0.0849	T 16	0.6192	0.857	-0.0905		T 29	0.6212	0.854	-0.0845	
0.73	T 7	0.6169	0.860	-0.0981	T 17	0.6174	0.859	-0.0970		T 30	0.6185	0.858	-0.0934	
0.98	T 8	0.6197	0.856	-0.0887	T 18	0.6200	0.855	-0.0885		T 31	0.6205	0.855	-0.0867	
1.23	T 9	0.6257	0.847	-0.0690	T 19	0.6242	0.849	-0.0744		T 32	0.6230	0.851	-0.0785	
1.48	T 10	0.6302	0.840	-0.0540	T 20	0.6295	0.841	-0.0568		T 33	0.6280	0.843	-0.0616	
1.98	T 11	0.6364	0.830	-0.0332	T 21	0.6349	0.833	-0.0390		T 34	0.6341	0.834	-0.0414	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6453	0.816	-0.0041	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 46	0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6394	0.825	-0.0237			0.6394	0.826	-0.0239	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6319	0.837	-0.0490		T 48	0.6318	0.837	-0.0491	
0.23		0.0000	0.000	0.0000	T 38	0.6267	0.845	-0.0661			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6225	0.852	-0.0801			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.6200	0.855	-0.0886		T 50	0.6208	0.854	-0.0858	
0.98		0.0000	0.000	0.0000	T 41	0.6209	0.854	-0.0854		T 51	0.6207	0.854	-0.0861	
1.23		0.0000	0.000	0.0000	T 42	0.6230	0.851	-0.0784		T 52	0.6237	0.850	-0.0761	
1.48		0.0000	0.000	0.0000	T 43	0.6291	0.841	-0.0581		T 53	0.6281	0.843	-0.0614	
1.98		0.0000	0.000	0.0000	T 44	0.6348	0.833	-0.0391		T 54	0.6342	0.833	-0.0411	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.6302	0.840	-0.0529		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6466	0.814	0.0019		0.0000	0.000	0.0000		B 22	0.6460	0.815	-0.0002	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6448	0.817	-0.0041	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6433	0.820	-0.0092	
-0.52	B 2	0.6407	0.824	-0.0179	B 12	0.6407	0.823	-0.0177		B 25	0.6410	0.823	-0.0168	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6317	0.837	-0.0478	B 14	0.6315	0.838	-0.0484		B 27	0.6317	0.837	-0.0477	
0.23	B 5	0.6244	0.849	-0.0721	B 15	0.6250	0.848	-0.0702		B 28	0.6255	0.847	-0.0683	
0.48	B 6	0.6185	0.858	-0.0916	B 16	0.6184	0.858	-0.0921		B 29	0.6170	0.860	-0.0966	
0.73	B 7	0.6147	0.864	-0.1042	B 17	0.6158	0.862	-0.1006		B 30	0.6169	0.860	-0.0970	
0.98	B 8	0.6192	0.857	-0.0894	B 18	0.6192	0.857	-0.0895		B 31	0.6194	0.856	-0.0888	
1.23	B 9	0.6251	0.848	-0.0698	B 19	0.6234	0.850	-0.0754		B 32	0.6238	0.850	-0.0742	
1.48	B 10	0.0000	0.000	0.0000	B 20	0.6290	0.842	-0.0569		B 33	0.6283	0.843	-0.0590	
1.98	B 11	0.6357	0.831	-0.0345	B 21	0.6361	0.831	-0.0331		B 34	0.6338	0.834	-0.0407	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6463	0.815	0.0006	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 46	0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6400	0.825	-0.0201			0.6391	0.826	-0.0232	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6316	0.837	-0.0480		B 48	0.6328	0.836	-0.0441	
0.23		0.0000	0.000	0.0000	B 38	0.6265	0.845	-0.0651			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6216	0.853	-0.0814			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6191	0.857	-0.0898		B 50	0.0000	0.000	0.0000	
0.98		0.0000	0.000	0.0000	B 41	0.6197	0.856	-0.0879		B 51	0.6200	0.855	-0.0866	
1.23		0.0000	0.000	0.0000	B 42	0.6238	0.850	-0.0743		B 52	0.6243	0.849	-0.0724	
1.48		0.0000	0.000	0.0000	B 43	0.6287	0.842	-0.0579		B 53	0.6285	0.842	-0.0583	
1.98		0.0000	0.000	0.0000	B 44	0.6349	0.833	-0.0373		B 54	0.6337	0.834	-0.0414	
3.98	B 55	0.6363	0.830	-0.0326		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6302	0.840	-0.0528		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(L) RUN=176-1 ALPHA= 0 DEG MINF=0.830 REC= 1.91E+06  
PT= 1.19 ATM= 17.5 PSIA TT= 269. DEG K= 485. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.6350	0.832	-0.0060		0.0000	0.000	0.0000	T 22	0.6348	0.833	-0.0078		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.6342	0.834	-0.0099		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.6313	0.838	-0.0192		
-0.52	T 2	0.6293	0.841	-0.0245	T 12	0.6293	0.841	-0.0247	T 25	0.6289	0.842	-0.0271		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	T 4	0.6197	0.856	-0.0558	T 14	0.6185	0.858	-0.0598	T 27	0.6179	0.859	-0.0628		
0.23	T 5	0.6083	0.873	-0.0930	T 15	0.6094	0.872	-0.0896	T 28	0.6104	0.870	-0.0875		
0.48	T 6	0.6002	0.886	-0.1193	T 16	0.6000	0.886	-0.1203	T 29	0.6016	0.884	-0.1163		
0.73	T 7	0.5944	0.895	-0.1383	T 17	0.5946	0.895	-0.1389	T 30	0.5959	0.893	-0.1347		
0.98	T 8	0.5977	0.890	-0.1275	T 18	0.5976	0.890	-0.1292	T 31	0.5983	0.889	-0.1271		
1.23	T 9	0.6057	0.878	-0.1017	T 19	0.6060	0.877	-0.1018	T 32	0.6039	0.880	-0.1086		
1.48	T 10	0.6123	0.867	-0.0801	T 20	0.6117	0.868	-0.0832	T 33	0.6099	0.871	-0.0890		
1.98	T 11	0.6203	0.855	-0.0539	T 21	0.6183	0.858	-0.0617	T 34	0.6181	0.858	-0.0624		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.6355	0.832	-0.0056		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.6275	0.844	-0.0317	T 46	0.6276	0.844	-0.0314		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.6189	0.857	-0.0596	T 48	0.6182	0.858	-0.0619		
0.23		0.0000	0.000	0.0000	T 38	0.6119	0.868	-0.0826		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.6032	0.882	-0.1111		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.5975	0.890	-0.1296	T 50	0.6011	0.885	-0.1178		
0.98		0.0000	0.000	0.0000	T 41	0.5995	0.887	-0.1231	T 51	0.6032	0.881	-0.1108		
1.23		0.0000	0.000	0.0000	T 42	0.6077	0.875	-0.0964	T 52	0.6065	0.876	-0.1002		
1.48		0.0000	0.000	0.0000	T 43	0.6111	0.869	-0.0853	T 53	0.6101	0.871	-0.0883		
1.98		0.0000	0.000	0.0000	T 44	0.6186	0.858	-0.0609	T 54	0.6168	0.860	-0.0667		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.6365	0.830	0.0002		0.0000	0.000	0.0000	B 22	0.6358	0.831	-0.0019		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.6361	0.831	-0.0010		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.6326	0.836	-0.0125		
-0.52	B 2	0.6263	0.846	-0.0329	B 12	0.6292	0.841	-0.0237	B 25	0.6267	0.845	-0.0318		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 27	0.0000	0.000	0.0000		
-0.02	B 4	0.6181	0.858	-0.0598	B 14	0.6177	0.859	-0.0609	B 27	0.6191	0.857	-0.0563		
0.23	B 5	0.6081	0.874	-0.0922	B 15	0.6085	0.873	-0.0909	B 28	0.6076	0.875	-0.0939		
0.48	B 6	0.5972	0.891	-0.1279	B 16	0.5991	0.888	-0.1216	B 29	0.5989	0.888	-0.1221		
0.73	B 7	0.5908	0.901	-0.1485	B 17	0.5926	0.898	-0.1429	B 30	0.5940	0.896	-0.1382		
0.98	B 8	0.5960	0.893	-0.1318	B 18	0.5948	0.894	-0.1356	B 31	0.5965	0.892	-0.1301		
1.23	B 9	0.6040	0.880	-0.1057	B 19	0.6043	0.880	-0.1047	B 32	0.6041	0.880	-0.1053		
1.48	B 10	0.6128	0.867	-0.0770	B 20	0.6106	0.870	-0.0841	B 33	0.6104	0.870	-0.0847		
1.98	B 11	0.6187	0.857	-0.0578	B 21	0.6180	0.859	-0.0602	B 34	0.6182	0.858	-0.0595		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.6358	0.831	-0.0022		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.6274	0.844	-0.0294	B 46	0.6270	0.845	-0.0306		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.6183	0.858	-0.0589	B 48	0.6174	0.859	-0.0620		
0.23		0.0000	0.000	0.0000	B 38	0.6112	0.869	-0.0821		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.6020	0.883	-0.1120		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.5959	0.893	-0.1321	B 50	0.5954	0.894	-0.1337		
0.98		0.0000	0.000	0.0000	B 41	0.6000	0.880	-0.1051	B 51	0.5986	0.889	-0.1232		
1.23		0.0000	0.000	0.0000	B 42	0.6042	0.880	-0.1051	B 52	0.6049	0.879	-0.1026		
1.48		0.0000	0.000	0.0000	B 43	0.6099	0.871	-0.0865	B 53	0.6089	0.873	-0.0898		
1.98		0.0000	0.000	0.0000	B 44	0.6144	0.864	-0.0717	B 54	0.6157	0.862	-0.0674		
3.98	B 55	0.6209	0.854	-0.0507		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.6147	0.864	-0.0709		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(M) RUN=177-2 ALPHA= 0 DEG MINF=0.829 REC= 3.99E+06  
PT= 2.44 ATM= 35.8 PSIA TT= 266. DEG K= 478. DEG R

## (1) TOP WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6368	0.830	-0.0018		0.0000	0.000	0.0000		T 22	0.6364	0.830	-0.0031	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6360	0.831	-0.0042	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6339	0.834	-0.0112	
-0.52	T 2	0.6317	0.837	-0.0185	T 12	0.6314	0.838	-0.0194		T 25	0.6308	0.839	-0.0212	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6203	0.855	-0.0558	T 14	0.6210	0.854	-0.0533		T 27	0.6219	0.853	-0.0504	
0.23	T 5	0.6118	0.868	-0.0834	T 15	0.6123	0.867	-0.0817		T 28	0.6134	0.866	-0.0779	
0.48	T 6	0.6034	0.881	-0.1108	T 16	0.6031	0.882	-0.1117		T 29	0.6053	0.878	-0.1045	
0.73	T 7	0.5982	0.889	-0.1279	T 17	0.5998	0.887	-0.1225		T 30	0.6007	0.885	-0.1195	
0.98	T 8	0.6016	0.884	-0.1167	T 18	0.6022	0.883	-0.1144		T 31	0.6029	0.882	-0.1121	
1.23	T 9	0.6092	0.872	-0.0919	T 19	0.6097	0.871	-0.0902		T 32	0.6096	0.872	-0.0905	
1.48	T 10	0.6159	0.862	-0.0700	T 20	0.6161	0.862	-0.0693		T 33	0.6163	0.861	-0.0687	
1.98	T 11	0.6228	0.851	-0.0474	T 21	0.6226	0.851	-0.0481		T 34	0.6222	0.852	-0.0491	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B= 1.000					2Y/B= 1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6367	0.830	-0.0019	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6303	0.840	-0.0230		T 46	0.6296	0.841	-0.0250	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6213	0.853	-0.0521		T 48	0.6210	0.854	-0.0531	
0.23		0.0000	0.000	0.0000	T 38	0.6143	0.864	-0.0750			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6072	0.875	-0.0981			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.6026	0.882	-0.1131		T 50	0.6064	0.876	-0.1008	
0.98		0.0000	0.000	0.0000	T 41	0.6041	0.880	-0.1084		T 51	0.6059	0.877	-0.1025	
1.23		0.0000	0.000	0.0000	T 42	0.6105	0.870	-0.0876		T 52	0.6103	0.870	-0.0881	
1.48		0.0000	0.000	0.0000	T 43	0.6151	0.863	-0.0725		T 53	0.6148	0.863	-0.0733	
1.98		0.0000	0.000	0.0000	T 44	0.6218	0.853	-0.0506		T 54	0.6214	0.853	-0.0518	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6372	0.829	-0.0014		0.0000	0.000	0.0000		B 22	0.6368	0.829	-0.0025	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6364	0.830	-0.0038	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6345	0.833	-0.0101	
-0.52	B 2	0.6304	0.839	-0.0236	B 12	0.6315	0.838	-0.0201		B 25	0.6312	0.838	-0.0208	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6210	0.854	-0.0542	B 14	0.6208	0.854	-0.0548		B 27	0.6204	0.855	-0.0561	
0.23	B 5	0.6121	0.868	-0.0834	B 15	0.6125	0.867	-0.0818		B 28	0.6127	0.867	-0.0814	
0.48	B 6	0.6034	0.881	-0.1117	B 16	0.6044	0.880	-0.1084		B 29	0.6040	0.880	-0.1097	
0.73	B 7	0.5980	0.890	-0.1294	B 17	0.5995	0.887	-0.1243		B 30	0.6003	0.886	-0.1217	
0.98	B 8	0.6028	0.882	-0.1137	B 18	0.6020	0.883	-0.1163		B 31	0.6028	0.882	-0.1138	
1.23	B 9	0.6112	0.869	-0.0863	B 19	0.6098	0.871	-0.0909		B 32	0.6094	0.872	-0.0922	
1.48	B 10	0.6159	0.862	-0.0710	B 20	0.6146	0.864	-0.0752		B 33	0.6151	0.863	-0.0734	
1.98	B 11	0.6230	0.851	-0.0478	B 21	0.6210	0.854	-0.0543		B 34	0.6218	0.853	-0.0515	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B= 1.000					2Y/B= 1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6366	0.830	-0.0012	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6296	0.841	-0.0261		B 46	0.6296	0.841	-0.0238	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6209	0.854	-0.0546		B 48	0.6213	0.853	-0.0509	
0.23		0.0000	0.000	0.0000	B 38	0.6134	0.866	-0.0790			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6061	0.877	-0.1006			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6020	0.883	-0.1140		B 50	0.6043	0.880	-0.1066	
0.98		0.0000	0.000	0.0000	B 41	0.6028	0.882	-0.1115		B 51	0.6034	0.881	-0.1095	
1.23		0.0000	0.000	0.0000	B 42	0.6094	0.872	-0.0898		B 52	0.6092	0.872	-0.0905	
1.48		0.0000	0.000	0.0000	B 43	0.6146	0.864	-0.0729		B 53	0.6143	0.864	-0.0740	
1.98		0.0000	0.000	0.0000	B 44	0.6203	0.855	-0.0542		B 54	0.6202	0.855	-0.0548	
3.98	B 55	0.6234	0.850	-0.0443		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6208	0.854	-0.0527		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-1. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(N) RUN=178 ALPHA= 0 DEG MINF=0.827 REC= 5.99E+06  
PT= 3.52 ATM= 51.8 PSIA TT= 258. DEG K= 464. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.6385	0.827	-0.0004		0.0000	0.000	0.0000	T 22	0.6386	0.827	-0.0001		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.6376	0.828	-0.0034		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.6358	0.831	-0.0093		
-0.52	T 2	0.6340	0.834	-0.0152	T 12	0.6330	0.835	-0.0184	T 25	0.6332	0.835	-0.0178		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	T 4	0.6235	0.850	-0.0496	T 14	0.6235	0.850	-0.0495	T 27	0.6237	0.850	-0.0487		
0.23	T 5	0.6149	0.863	-0.0777	T 15	0.6153	0.863	-0.0764	T 28	0.6165	0.861	-0.0725		
0.48	T 6	0.6067	0.876	-0.1044	T 16	0.6067	0.876	-0.1045	T 29	0.6081	0.874	-0.0999		
0.73	T 7	0.6028	0.882	-0.1173	T 17	0.6029	0.882	-0.1169	T 30	0.6043	0.880	-0.1123		
0.98	T 8	0.6057	0.877	-0.1076	T 18	0.6065	0.876	-0.1053	T 31	0.6070	0.876	-0.1035		
1.23	T 9	0.6130	0.866	-0.0837	T 19	0.6133	0.866	-0.0829	T 32	0.6127	0.867	-0.0850		
1.48	T 10	0.6187	0.857	-0.0653	T 20	0.6192	0.857	-0.0636	T 33	0.6186	0.858	-0.0657		
1.98	T 11	0.6257	0.847	-0.0423	T 21	0.6257	0.847	-0.0424	T 34	0.6253	0.847	-0.0437		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.6382	0.827	-0.0013		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.6325	0.836	-0.0202	T 46	0.6323	0.836	-0.0207		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.6235	0.850	-0.0494	T 48	0.6240	0.849	-0.0479		
0.23		0.0000	0.000	0.0000	T 38	0.6176	0.859	-0.0608		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.6104	0.870	-0.0923		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.6061	0.877	-0.1064	T 50	0.6096	0.871	-0.0949		
0.98		0.0000	0.000	0.0000	T 41	0.6076	0.875	-0.1015	T 51	0.6095	0.872	-0.0954		
1.23		0.0000	0.000	0.0000	T 42	0.6140	0.865	-0.0805	T 52	0.6134	0.866	-0.0826		
1.48		0.0000	0.000	0.0000	T 43	0.6182	0.858	-0.0669	T 53	0.6178	0.859	-0.0681		
1.98		0.0000	0.000	0.0000	T 44	0.6251	0.848	-0.0443	T 54	0.6241	0.849	-0.0477		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.6385	0.827	-0.0016		0.0000	0.000	0.0000	B 22	0.6385	0.827	-0.0016		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.6374	0.829	-0.0052		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.6359	0.831	-0.0103		
-0.52	B 2	0.6328	0.836	-0.0204	B 12	0.6328	0.836	-0.0203	B 25	0.6323	0.836	-0.0219		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	B 4	0.6227	0.851	-0.0533	B 14	0.6231	0.851	-0.0522	B 27	0.6232	0.851	-0.0519		
0.23	B 5	0.6139	0.865	-0.0824	B 15	0.6139	0.865	-0.0822	B 28	0.6139	0.865	-0.0823		
0.48	B 6	0.6054	0.878	-0.1100	B 16	0.6049	0.879	-0.1118	B 29	0.6073	0.875	-0.1039		
0.73	B 7	0.5991	0.888	-0.1308	B 17	0.6010	0.885	-0.1247	B 30	0.6022	0.883	-0.1206		
0.98	B 8	0.6043	0.880	-0.1136	B 18	0.6045	0.879	-0.1130	B 31	0.6051	0.879	-0.1112		
1.23	B 9	0.6100	0.871	-0.0951	B 19	0.6113	0.869	-0.0907	B 32	0.6109	0.869	-0.0921		
1.48	B 10	0.6176	0.859	-0.0702	B 20	0.6173	0.860	-0.0712	B 33	0.6171	0.860	-0.0718		
1.98	B 11	0.6249	0.848	-0.0462	B 21	0.6249	0.848	-0.0463	B 34	0.6230	0.851	-0.0524		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B= .833					2Y/B= 1.000					2Y/B= 1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.6382	0.827	-0.0015		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.6320	0.837	-0.0229	B 46	0.6304	0.839	-0.0270		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.6237	0.850	-0.0502	B 48	0.6227	0.851	-0.0522		
0.23		0.0000	0.000	0.0000	B 38	0.6163	0.861	-0.0745		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.6082	0.874	-0.0998		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.6035	0.881	-0.1150	B 50	0.6069	0.876	-0.1040		
0.98		0.0000	0.000	0.0000	B 41	0.6056	0.878	-0.1082	B 51	0.6052	0.878	-0.1094		
1.23		0.0000	0.000	0.0000	B 42	0.6109	0.869	-0.0908	B 52	0.6116	0.868	-0.0886		
1.48		0.0000	0.000	0.0000	B 43	0.6171	0.860	-0.0704	B 53	0.6165	0.861	-0.0725		
1.98		0.0000	0.000	0.0000	B 44	0.6237	0.850	-0.0490	B 54	0.6228	0.851	-0.0519		
3.98	B 55	0.6259	0.846	-0.0419		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.6238	0.850	-0.0436		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-I. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG - Continued

(O) RUN=180 ALPHA= 0 DEG MINF=0.827 REC= 8.05E+06  
PT= 4.82 ATM= 70.8 PSIA TT= 261. DEG K= 470. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.6381	0.828	-0.0011		0.0000	0.000	0.0000	T 22	0.6379	0.828	-0.0022		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.6376	0.828	-0.0032		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.6362	0.831	-0.0079		
-0.52	T 2	0.6340	0.834	-0.0144	T 12	0.6337	0.834	-0.0155	T 25	0.6332	0.835	-0.0175		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	T 4	0.6252	0.847	-0.0433	T 14	0.6238	0.849	-0.0477	T 27	0.6248	0.848	-0.0451		
0.23	T 5	0.6160	0.862	-0.0733	T 15	0.6163	0.861	-0.0724	T 28	0.6176	0.859	-0.0685		
0.48	T 6	0.6101	0.871	-0.0929	T 16	0.6084	0.873	-0.0982	T 29	0.6103	0.870	-0.0924		
0.73	T 7	0.6048	0.879	-0.1100	T 17	0.6058	0.877	-0.1074	T 30	0.6067	0.876	-0.1042		
0.98	T 8	0.6077	0.874	-0.1004	T 18	0.6086	0.873	-0.0980	T 31	0.6092	0.872	-0.0961		
1.23	T 9	0.6145	0.864	-0.0784	T 19	0.6150	0.863	-0.0772	T 32	0.6150	0.863	-0.0772		
1.48	T 10	0.6208	0.854	-0.0578	T 20	0.6206	0.854	-0.0588	T 33	0.6204	0.855	-0.0594		
1.98	T 11	0.6276	0.844	-0.0356	T 21	0.6268	0.845	-0.0387	T 34	0.6262	0.846	-0.0404		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.6383	0.827	-0.0010		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.6329	0.836	-0.0186	T 46	0.6321	0.837	-0.0212		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.6246	0.848	-0.0457	T 48	0.6245	0.848	-0.0461		
0.23		0.0000	0.000	0.0000	T 38	0.6185	0.858	-0.0658		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.6120	0.868	-0.0870		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.6082	0.874	-0.0995	T 50	0.6112	0.869	-0.0897		
0.98		0.0000	0.000	0.0000	T 41	0.6098	0.871	-0.0942	T 51	0.6108	0.870	-0.0909		
1.23		0.0000	0.000	0.0000	T 42	0.6149	0.863	-0.0775	T 52	0.6147	0.864	-0.0781		
1.48		0.0000	0.000	0.0000	T 43	0.6196	0.856	-0.0621	T 53	0.6191	0.857	-0.0639		
1.98		0.0000	0.000	0.0000	T 44	0.6259	0.846	-0.0415	T 54	0.6249	0.848	-0.0447		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.6392	0.826	0.0021		0.0000	0.000	0.0000	B 22	0.6387	0.827	0.0005		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.6380	0.828	-0.0016		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.6365	0.830	-0.0067		
-0.52	B 2	0.6331	0.835	-0.0177	B 12	0.6327	0.836	-0.0192	B 25	0.6327	0.836	-0.0191		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	B 4	0.6222	0.852	-0.0533	B 14	0.6223	0.852	-0.0533	B 27	0.6228	0.851	-0.0517		
0.23	B 5	0.6133	0.866	-0.0826	B 15	0.6141	0.865	-0.0800	B 28	0.6141	0.864	-0.0799		
0.48	B 6	0.6047	0.879	-0.1107	B 16	0.6046	0.879	-0.1110	B 29	0.6063	0.877	-0.1054		
0.73	B 7	0.5981	0.889	-0.1323	B 17	0.6009	0.885	-0.1233	B 30	0.6022	0.883	-0.1190		
0.98	B 8	0.6045	0.879	-0.1114	B 18	0.6039	0.880	-0.1133	B 31	0.6052	0.878	-0.1091		
1.23	B 9	0.6119	0.868	-0.0871	B 19	0.6125	0.867	-0.0853	B 32	0.6119	0.868	-0.0870		
1.48	B 10	0.6190	0.857	-0.0638	B 20	0.6180	0.858	-0.0672	B 33	0.6181	0.858	-0.0668		
1.98	B 11	0.6262	0.846	-0.0402	B 21	0.6254	0.847	-0.0429	B 34	0.6249	0.848	-0.0448		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.6383	0.827	-0.0026		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.6322	0.837	-0.0207	B 46	0.6311	0.838	-0.0263		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.6233	0.850	-0.0500	B 48	0.6235	0.850	-0.0509		
0.23		0.0000	0.000	0.0000	B 38	0.6155	0.862	-0.0755		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.6080	0.874	-0.1018		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.6035	0.881	-0.1165	B 50	0.6070	0.876	-0.1052		
0.98		0.0000	0.000	0.0000	B 41	0.6056	0.878	-0.1097	B 51	0.6062	0.877	-0.1078		
1.23		0.0000	0.000	0.0000	B 42	0.6116	0.868	-0.0900	B 52	0.6115	0.869	-0.0904		
1.48		0.0000	0.000	0.0000	B 43	0.6177	0.859	-0.0700	B 53	0.6172	0.860	-0.0718		
1.98		0.0000	0.000	0.0000	B 44	0.6248	0.848	-0.0468	B 54	0.6233	0.850	-0.0516		
3.98	B 55	0.6272	0.844	-0.0388		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.6255	0.847	-0.0445		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(P) RUN=176-2 ALPHA= 0 DEG MINF=0.838 REC= 2.01E+06  
PT= 1.22 ATM= 18.0 PSIA TT= 265. DEG K= 477. DEG R

## (1) TOP WALL

2Y/B=.250				2Y/B=.500				2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
-2.02	T 1	0.6296	0.841	-0.0066		0.0000	0.000	0.0000	T 22	0.6292	0.841	-0.0068
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.6286	0.842	-0.0089
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.6262	0.846	-0.0167
-0.52	T 2	0.6239	0.849	-0.0250	T 12	0.6234	0.850	-0.0265	T 25	0.6220	0.852	-0.0301
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-0.02	T 4	0.6089	0.873	-0.0735	T 14	0.6109	0.869	-0.0669	T 27	0.6113	0.869	-0.0647
0.23	T 5	0.5990	0.888	-0.1053	T 15	0.5999	0.887	-0.1023	T 28	0.6006	0.885	-0.0991
0.48	T 6	0.5848	0.910	-0.1509	T 16	0.5863	0.908	-0.1463	T 29	0.5882	0.905	-0.1391
0.73	T 7	0.5748	0.926	-0.1834	T 17	0.5750	0.926	-0.1818	T 30	0.5770	0.922	-0.1751
0.98	T 8	0.5779	0.921	-0.1735	T 18	0.5776	0.921	-0.1733	T 31	0.5781	0.921	-0.1715
1.23	T 9	0.5899	0.902	-0.1348	T 19	0.5851	0.910	-0.1492	T 32	0.5903	0.901	-0.1322
1.48	T 10	0.5995	0.887	-0.1036	T 20	0.5998	0.887	-0.1018	T 33	0.5996	0.887	-0.1025
1.98	T 11	0.6100	0.871	-0.0699	T 21	0.6084	0.873	-0.0739	T 34	0.6082	0.874	-0.0746
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000

2Y/B=.833				2Y/B=1.000				2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.6293	0.841	-0.0066
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-0.52		0.0000	0.000	0.0000	T 35	0.6213	0.853	-0.0323	T 46	0.6205	0.855	-0.0349
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-0.02		0.0000	0.000	0.0000	T 37	0.6111	0.869	-0.0654	T 48	0.6099	0.871	-0.0691
0.23		0.0000	0.000	0.0000	T 38	0.6012	0.884	-0.0970		0.0000	0.000	0.0000
0.48		0.0000	0.000	0.0000	T 39	0.5898	0.902	-0.1340		0.0000	0.000	0.0000
0.73		0.0000	0.000	0.0000	T 40	0.5791	0.919	-0.1683	T 50	0.5843	0.911	-0.1515
0.98		0.0000	0.000	0.0000	T 41	0.5797	0.918	-0.1666	T 51	0.5829	0.913	-0.1561
1.23		0.0000	0.000	0.0000	T 42	0.5910	0.900	-0.1301	T 52	0.5899	0.902	-0.1337
1.48		0.0000	0.000	0.0000	T 43	0.5985	0.889	-0.1060	T 53	0.5973	0.891	-0.1097
1.98		0.0000	0.000	0.0000	T 44	0.6079	0.874	-0.0757	T 54	0.6065	0.876	-0.0802
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000

## (2) BOTTOM WALL

2Y/B=.250				2Y/B=.500				2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
-2.02	B 1	0.6307	0.839	-0.0004		0.0000	0.000	0.0000	B 22	0.6299	0.840	-0.0030
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.6287	0.842	-0.0069
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.6267	0.845	-0.0131
-0.52	B 2	0.6194	0.856	-0.0367	B 12	0.6231	0.851	-0.0246	B 25	0.6198	0.856	-0.0355
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-0.02	B 4	0.6114	0.869	-0.0625	B 14	0.6108	0.870	-0.0644	B 27	0.6124	0.867	-0.0592
0.23	B 5	0.5992	0.888	-0.1018	B 15	0.5992	0.888	-0.1016	B 28	0.5990	0.888	-0.1024
0.48	B 6	0.5843	0.911	-0.1496	B 16	0.5863	0.908	-0.1432	B 29	0.5850	0.910	-0.1474
0.73	B 7	0.5718	0.931	-0.1901	B 17	0.5732	0.928	-0.1855	B 30	0.5751	0.925	-0.1792
0.98	B 8	0.5765	0.923	-0.1749	B 18	0.5749	0.926	-0.1799	B 31	0.5765	0.923	-0.1749
1.23	B 9	0.5899	0.902	-0.1317	B 19	0.5885	0.904	-0.1361	B 32	0.5894	0.903	-0.1333
1.48	B 10	0.6002	0.886	-0.0986	B 20	0.5986	0.889	-0.1035	B 33	0.5984	0.889	-0.1042
1.98	B 11	0.6092	0.872	-0.0695	B 21	0.6081	0.874	-0.0731	B 34	0.6087	0.873	-0.0710
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000

2Y/B=.833				2Y/B=1.000				2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.6301	0.840	-0.0057
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-0.52		0.0000	0.000	0.0000	B 35	0.6217	0.853	-0.0292	B 46	0.6212	0.854	-0.0345
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000
-0.02		0.0000	0.000	0.0000	B 37	0.6111	0.869	-0.0634	B 48	0.6095	0.872	-0.0720
0.23		0.0000	0.000	0.0000	B 38	0.6009	0.885	-0.0962		0.0000	0.000	0.0000
0.48		0.0000	0.000	0.0000	B 39	0.5890	0.904	-0.1303		0.0000	0.000	0.0000
0.73		0.0000	0.000	0.0000	B 40	0.5778	0.921	-0.1744	B 50	0.5825	0.914	-0.1592
0.98		0.0000	0.000	0.0000	B 41	0.0000	0.000	0.0000	B 51	0.5800	0.918	-0.1672
1.23		0.0000	0.000	0.0000	B 42	0.5888	0.904	-0.1389	B 52	0.5884	0.904	-0.1401
1.48		0.0000	0.000	0.0000	B 43	0.5972	0.891	-0.1119	B 53	0.5979	0.890	-0.1096
1.98		0.0000	0.000	0.0000	B 44	0.6058	0.877	-0.0840	B 54	0.6068	0.876	-0.0808
3.98	B 55	0.6107	0.870	-0.0683		0.0000	0.000	0.0000		0.0000	0.000	0.0000
5.98	B 56	0.6057	0.878	-0.0843		0.0000	0.000	0.0000		0.0000	0.000	0.0000

TABLE C-1. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(Q) RUN=177-1 ALPHA= 0 DEG MINF=0.839 REC= 4.00E+06  
PT= 2.44 ATM= 35.9 PSIA TT= 266. DEG K= 479. DEG R

## (1) TOP WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6301	0.840	-0.0025		0.0000	0.000	0.0000		T 22	0.6292	0.841	-0.0048	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6291	0.841	-0.0051	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6271	0.844	-0.0115	
-0.52	T 2	0.6248	0.848	-0.0197	T 12	0.6241	0.849	-0.0218		T 25	0.6223	0.852	-0.0271	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6124	0.867	-0.0594	T 14	0.6126	0.867	-0.0587		T 27	0.6124	0.867	-0.0588	
0.23	T 5	0.6014	0.884	-0.0949	T 15	0.6019	0.883	-0.0932		T 28	0.6035	0.881	-0.0876	
0.48	T 6	0.5894	0.903	-0.1335	T 16	0.5891	0.903	-0.1345		T 29	0.5914	0.900	-0.1265	
0.73	T 7	0.5802	0.917	-0.1632	T 17	0.5811	0.916	-0.1596		T 30	0.5826	0.914	-0.1548	
0.98	T 8	0.5841	0.911	-0.1506	T 18	0.5846	0.910	-0.1486		T 31	0.5852	0.909	-0.1465	
1.23	T 9	0.5945	0.895	-0.1172	T 19	0.5954	0.894	-0.1137		T 32	0.5940	0.896	-0.1180	
1.48	T 10	0.6036	0.881	-0.0878	T 20	0.6036	0.881	-0.0871		T 33	0.6029	0.882	-0.0894	
1.98	T 11	0.6118	0.868	-0.0616	T 21	0.6120	0.868	-0.0602		T 34	0.6116	0.868	-0.0617	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6304	0.839	-0.0009	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6227	0.851	-0.0258		T 46	0.6225	0.852	-0.0265	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6125	0.867	-0.0586		T 48	0.6127	0.867	-0.0578	
0.23		0.0000	0.000	0.0000	T 38	0.6041	0.880	-0.0858			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.5937	0.896	-0.1191			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.5851	0.910	-0.1469		T 50	0.5887	0.904	-0.1354	
0.98		0.0000	0.000	0.0000	T 41	0.5863	0.908	-0.1429		T 51	0.5870	0.907	-0.1407	
1.23		0.0000	0.000	0.0000	T 42	0.5953	0.894	-0.1141		T 52	0.5939	0.896	-0.1183	
1.48		0.0000	0.000	0.0000	T 43	0.6023	0.883	-0.0914		T 53	0.6021	0.883	-0.0920	
1.98		0.0000	0.000	0.0000	T 44	0.6105	0.870	-0.0651		T 54	0.6105	0.870	-0.0652	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6305	0.839	-0.0001		0.0000	0.000	0.0000		B 22	0.6308	0.839	0.0007	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6299	0.840	-0.0021	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6281	0.843	-0.0077	
-0.52	B 2	0.6239	0.849	-0.0213	B 12	0.6247	0.848	-0.0189		B 25	0.6240	0.849	-0.0210	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6120	0.868	-0.0597	B 14	0.6124	0.867	-0.0585		B 27	0.6126	0.867	-0.0578	
0.23	B 5	0.6009	0.885	-0.0952	B 15	0.6021	0.883	-0.0913		B 28	0.6016	0.884	-0.0933	
0.48	B 6	0.5867	0.907	-0.1409	B 16	0.5884	0.904	-0.1355		B 29	0.5900	0.902	-0.1305	
0.73	B 7	0.5775	0.922	-0.1708	B 17	0.5779	0.921	-0.1695		B 30	0.5799	0.918	-0.1627	
0.98	B 8	0.5832	0.913	-0.1524	B 18	0.5823	0.914	-0.1553		B 31	0.5831	0.913	-0.1525	
1.23	B 9	0.5941	0.896	-0.1172	B 19	0.5943	0.895	-0.1166		B 32	0.5933	0.897	-0.1198	
1.48	B 10	0.6021	0.883	-0.0916	B 20	0.6022	0.883	-0.0912		B 33	0.6025	0.883	-0.0903	
1.98	B 11	0.6121	0.868	-0.0593	B 21	0.6108	0.870	-0.0635		B 34	0.6110	0.869	-0.0630	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6305	0.839	-0.0002	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6227	0.851	-0.0252		B 46	0.6228	0.851	-0.0248	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6124	0.867	-0.0585		B 48	0.6129	0.866	-0.0567	
0.23		0.0000	0.000	0.0000	B 38	0.6034	0.881	-0.0873			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.5934	0.897	-0.1195			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.5847	0.910	-0.1475		B 50	0.5879	0.905	-0.1372	
0.98		0.0000	0.000	0.0000	B 41	0.5888	0.904	-0.1343		B 51	0.5870	0.907	-0.1401	
1.23		0.0000	0.000	0.0000	B 42	0.5947	0.895	-0.1152		B 52	0.5946	0.895	-0.1157	
1.48		0.0000	0.000	0.0000	B 43	0.6025	0.882	-0.0901		B 53	0.6019	0.884	-0.0923	
1.98		0.0000	0.000	0.0000	B 44	0.6101	0.871	-0.0658		B 54	0.6094	0.872	-0.0678	
3.98	B 55	0.6149	0.863	-0.0504		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6112	0.869	-0.0623		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Continued

(R) RUN=179 ALPHA= 0 DEG MINF=0.839 REC= 5.99E+06  
PT= 3.54 ATM= 52.0 PSIA TT= 260. DEG K= 468. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6310	0.838	0.0016		0.0000	0.000	0.0000		T 22	0.6297	0.840	-0.0031	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6305	0.839	-0.0006	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6287	0.842	-0.0063	
-0.52	T 2	0.6262	0.846	-0.0139	T 12	0.6255	0.847	-0.0162		T 25	0.6235	0.850	-0.0231	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6140	0.865	-0.0531	T 14	0.6144	0.864	-0.0518		T 27	0.6137	0.865	-0.0545	
0.23	T 5	0.6039	0.880	-0.0854	T 15	0.6042	0.880	-0.0844		T 28	0.6057	0.878	-0.0804	
0.48	T 6	0.5919	0.899	-0.1241	T 16	0.5919	0.899	-0.1240		T 29	0.5945	0.895	-0.1164	
0.73	T 7	0.5836	0.912	-0.1508	T 17	0.5848	0.910	-0.1476		T 30	0.5862	0.908	-0.1430	
0.98	T 8	0.5873	0.906	-0.1388	T 18	0.5887	0.904	-0.1351		T 31	0.5891	0.903	-0.1339	
1.23	T 9	0.5977	0.890	-0.1055	T 19	0.5986	0.889	-0.1031		T 32	0.5962	0.892	-0.1108	
1.48	T 10	0.6063	0.877	-0.0779	T 20	0.6068	0.876	-0.0767		T 33	0.6043	0.880	-0.0849	
1.98	T 11	0.6153	0.863	-0.0487	T 21	0.6149	0.863	-0.0508		T 34	0.6144	0.864	-0.0522	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6312	0.838	0.0017	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 46	0.6243	0.849	-0.0205	
-0.52		0.0000	0.000	0.0000	T 35	0.6247	0.848	-0.0192			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 48	0.6148	0.863	-0.0511	
-0.02		0.0000	0.000	0.0000	T 37	0.6148	0.863	-0.0511			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	T 38	0.6067	0.876	-0.0772			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.5965	0.892	-0.1099			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.5888	0.904	-0.1348		T 50	0.5916	0.900	-0.1258	
0.98		0.0000	0.000	0.0000	T 41	0.5901	0.902	-0.1306		T 51	0.5902	0.902	-0.1302	
1.23		0.0000	0.000	0.0000	T 42	0.5960	0.893	-0.1116		T 52	0.5964	0.892	-0.1102	
1.48		0.0000	0.000	0.0000	T 43	0.6051	0.878	-0.0823		T 53	0.6047	0.879	-0.0836	
1.98		0.0000	0.000	0.0000	T 44	0.6121	0.868	-0.0596		T 54	0.6133	0.866	-0.0558	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6318	0.837	0.0047		0.0000	0.000	0.0000		B 22	0.6314	0.838	0.0034	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6307	0.839	0.0011	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6284	0.842	-0.0061	
-0.52	B 2	0.6259	0.846	-0.0144	B 12	0.6252	0.847	-0.0165		B 25	0.6236	0.850	-0.0216	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6138	0.865	-0.0532	B 14	0.6138	0.865	-0.0533		B 27	0.6135	0.865	-0.0541	
0.23	B 5	0.6024	0.883	-0.0899	B 15	0.6031	0.882	-0.0876		B 28	0.6029	0.882	-0.0883	
0.48	B 6	0.5891	0.903	-0.1326	B 16	0.5889	0.904	-0.1333		B 29	0.5919	0.899	-0.1238	
0.73	B 7	0.5772	0.922	-0.1711	B 17	0.5795	0.918	-0.1636		B 30	0.5814	0.915	-0.1575	
0.98	B 8	0.5838	0.912	-0.1498	B 18	0.5835	0.912	-0.1507		B 31	0.5844	0.911	-0.1479	
1.23	B 9	0.5954	0.894	-0.1125	B 19	0.5952	0.894	-0.1131		B 32	0.5948	0.895	-0.1145	
1.48	B 10	0.6045	0.879	-0.0833	B 20	0.6025	0.883	-0.0896		B 33	0.6041	0.880	-0.0843	
1.98	B 11	0.6147	0.864	-0.0505	B 21	0.6136	0.865	-0.0538		B 34	0.6124	0.867	-0.0578	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6311	0.838	0.0018	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 46	0.6228	0.851	-0.0249	
-0.52		0.0000	0.000	0.0000	B 35	0.6243	0.849	-0.0195			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 48	0.6134	0.866	-0.0553	
-0.02		0.0000	0.000	0.0000	B 37	0.6140	0.865	-0.0526			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	B 38	0.6045	0.879	-0.0832			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.5931	0.897	-0.1207			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.5835	0.912	-0.1516		B 50	0.5867	0.907	-0.1413	
0.98		0.0000	0.000	0.0000	B 41	0.5852	0.909	-0.1461		B 51	0.5864	0.908	-0.1423	
1.23		0.0000	0.000	0.0000	B 42	0.5944	0.895	-0.1165		B 52	0.5947	0.895	-0.1155	
1.48		0.0000	0.000	0.0000	B 43	0.6034	0.881	-0.0874		B 53	0.6025	0.882	-0.0902	
1.98		0.0000	0.000	0.0000	B 44	0.6123	0.867	-0.0589		B 54	0.6118	0.868	-0.0603	
3.98	B 55	0.6161	0.861	-0.0467		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6139	0.865	-0.0537		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-I. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 0 DEG — Concluded

(S) RUN=175 ALPHA= 0 DEG MINF=0.836 REC= 7.85E+06  
PT= 4.62 ATM= 67.9 PSIA TT= 259. DEG K= 466. DEG R

## (1) TOP WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.6326	0.836	-0.0006		0.0000	0.000	0.0000	T 22	0.6323	0.836	-0.0013		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.6319	0.837	-0.0027		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.6302	0.840	-0.0083		
-0.52	T 2	0.6278	0.843	-0.0162	T 12	0.6273	0.844	-0.0178	T 25	0.6267	0.845	-0.0197		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	T 4	0.6164	0.861	-0.0532	T 14	0.6163	0.861	-0.0533	T 27	0.6167	0.860	-0.0518		
0.23	T 5	0.6060	0.877	-0.0867	T 15	0.6063	0.877	-0.0857	T 28	0.6078	0.874	-0.0805		
0.48	T 6	0.5946	0.895	-0.1235	T 16	0.5947	0.895	-0.1233	T 29	0.5975	0.890	-0.1140		
0.73	T 7	0.5872	0.906	-0.1473	T 17	0.5895	0.903	-0.1398	T 30	0.5908	0.901	-0.1358		
0.98	T 8	0.5915	0.900	-0.1337	T 18	0.0000	0.000	0.0000	T 31	0.5936	0.896	-0.1266		
1.23	T 9	0.6013	0.884	-0.1019	T 19	0.6019	0.883	-0.0996	T 32	0.6017	0.884	-0.1002		
1.48	T 10	0.6098	0.871	-0.0744	T 20	0.6100	0.871	-0.0734	T 33	0.6097	0.871	-0.0746		
1.98	T 11	0.6184	0.858	-0.0463	T 21	0.6176	0.859	-0.0490	T 34	0.6172	0.860	-0.0504		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B= .833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.6325	0.836	-0.0008		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.6263	0.846	-0.0208	T 46	0.6257	0.847	-0.0228		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.6168	0.860	-0.0516	T 48	0.6165	0.861	-0.0525		
0.23		0.0000	0.000	0.0000	T 38	0.6091	0.872	-0.0764		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.5998	0.887	-0.1064		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.5930	0.897	-0.1285	T 50	0.0000	0.000	0.0000		
0.98		0.0000	0.000	0.0000	T 41	0.5947	0.895	-0.1231	T 51	0.5909	0.901	-0.1352		
1.23		0.0000	0.000	0.0000	T 42	0.6029	0.882	-0.0965	T 52	0.6011	0.885	-0.1022		
1.48		0.0000	0.000	0.0000	T 43	0.6084	0.873	-0.0786	T 53	0.6076	0.875	-0.0814		
1.98		0.0000	0.000	0.0000	T 44	0.6171	0.860	-0.0506	T 54	0.6154	0.863	-0.0561		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.6327	0.836	0.0010		0.0000	0.000	0.0000	B 22	0.6325	0.836	0.0004		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.6320	0.837	-0.0012		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.6303	0.839	-0.0066		
-0.52	B 2	0.6271	0.844	-0.0169	B 12	0.6269	0.845	-0.0177	B 25	0.6268	0.845	-0.0181		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	B 4	0.6154	0.862	-0.0548	B 14	0.6152	0.863	-0.0553	B 27	0.6154	0.862	-0.0547		
0.23	B 5	0.6046	0.879	-0.0897	B 15	0.6052	0.878	-0.0879	B 28	0.6062	0.877	-0.0844		
0.48	B 6	0.5924	0.898	-0.1291	B 16	0.5924	0.898	-0.1293	B 29	0.5939	0.896	-0.1241		
0.73	B 7	0.5811	0.916	-0.1656	B 17	0.5840	0.911	-0.1564	B 30	0.5853	0.909	-0.1520		
0.98	B 8	0.5880	0.905	-0.1433	B 18	0.5877	0.905	-0.1442	B 31	0.5892	0.903	-0.1393		
1.23	B 9	0.5999	0.887	-0.1048	B 19	0.5990	0.888	-0.1079	B 32	0.5987	0.888	-0.1088		
1.48	B 10	0.6074	0.875	-0.0807	B 20	0.6066	0.876	-0.0832	B 33	0.6067	0.876	-0.0831		
1.98	B 11	0.6171	0.860	-0.0494	B 21	0.6155	0.862	-0.0544	B 34	0.6154	0.862	-0.0547		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B= .833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.6324	0.836	-0.0010		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.6257	0.847	-0.0217	B 46	0.6249	0.848	-0.0252		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.6155	0.862	-0.0545	B 48	0.6149	0.863	-0.0577		
0.23		0.0000	0.000	0.0000	B 38	0.6061	0.877	-0.0848		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.5962	0.892	-0.1180		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.5886	0.904	-0.1428	B 50	0.5919	0.899	-0.1319		
0.98		0.0000	0.000	0.0000	B 41	0.5909	0.901	-0.1352	B 51	0.5917	0.899	-0.1325		
1.23		0.0000	0.000	0.0000	B 42	0.5989	0.888	-0.1094	B 52	0.5984	0.889	-0.1111		
1.48		0.0000	0.000	0.0000	B 43	0.6073	0.875	-0.0822	B 53	0.6065	0.876	-0.0849		
1.98		0.0000	0.000	0.0000	B 44	0.6150	0.863	-0.0573	B 54	0.6144	0.864	-0.0592		
3.98	B 55	0.6194	0.856	-0.0430		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.6164	0.861	-0.0527		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-II. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 1 DEG

(A) RUN= 69 ALPHA= 1 DEG MINF=0.499 REC= 6.00E+06  
PT= 4.91 ATM= 72.2 PSIA TT= 258. DEG K= 464. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.8431	0.500	-0.0049		0.0000	0.000	0.0000		T 22	0.8425	0.501	-0.0066	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.8426	0.501	-0.0063	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.8416	0.503	-0.0130	
-0.52	T 2	0.8420	0.502	-0.0125	T 12	0.8431	0.500	-0.0051		T 25	0.8408	0.504	-0.0180	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.8412	0.503	-0.0176	T 14	0.8406	0.504	-0.0219		T 27	0.8408	0.504	-0.0181	
0.23	T 5	0.8402	0.505	-0.0243	T 15	0.8402	0.505	-0.0248		T 28	0.8399	0.506	-0.0247	
0.48	T 6	0.8403	0.505	-0.0238	T 16	0.8395	0.506	-0.0296		T 29	0.8395	0.506	-0.0271	
0.73	T 7	0.8394	0.506	-0.0298	T 17	0.8387	0.508	-0.0329		T 30	0.8394	0.506	-0.0275	
0.98	T 8	0.8395	0.506	-0.0290	T 18	0.8387	0.508	-0.0324		T 31	0.8393	0.507	-0.0282	
1.23	T 9	0.8399	0.505	-0.0263	T 19	0.8395	0.506	-0.0273		T 32	0.8400	0.505	-0.0238	
1.48	T 10	0.8409	0.504	-0.0197	T 20	0.8399	0.505	-0.0242		T 33	0.8402	0.505	-0.0222	
1.98	T 11	0.8427	0.501	-0.0073	T 21	0.8406	0.504	-0.0196		T 34	0.8408	0.504	-0.0184	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.8432	0.500	-0.0022	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.8415	0.503	-0.0139		T 46	0.8419	0.502	-0.0111	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.8406	0.504	-0.0198		T 48	0.8408	0.504	-0.0184	
0.23		0.0000	0.000	0.0000	T 38	0.8402	0.505	-0.0226			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.8400	0.505	-0.0240			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.8397	0.506	-0.0259		T 50	0.8404	0.505	-0.0207	
0.98		0.0000	0.000	0.0000	T 41	0.8398	0.506	-0.0249		T 51	0.8413	0.503	-0.0151	
1.23		0.0000	0.000	0.0000	T 42	0.0000	0.000	0.0000		T 52	0.8412	0.503	-0.0158	
1.48		0.0000	0.000	0.0000	T 43	0.8403	0.505	-0.0216		T 53	0.8406	0.504	-0.0200	
1.98		0.0000	0.000	0.0000	T 44	0.8411	0.503	-0.0161		T 54	0.8405	0.505	-0.0205	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.8418	0.502	-0.0103		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.8441	0.498	0.0054		0.0000	0.000	0.0000		B 22	0.8439	0.498	0.0045	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.8435	0.499	0.0017	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.8434	0.499	0.0005	
-0.52	B 2	0.8425	0.501	-0.0052	B 12	0.8426	0.501	-0.0046		B 25	0.8436	0.499	0.0022	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.8417	0.502	-0.0108	B 14	0.8420	0.502	-0.0088		B 27	0.8416	0.502	-0.0111	
0.23	B 5	0.8415	0.503	-0.0122	B 15	0.8414	0.503	-0.0126		B 28	0.8412	0.503	-0.0144	
0.48	B 6	0.8415	0.503	-0.0124	B 16	0.8419	0.502	-0.0096		B 29	0.8413	0.503	-0.0137	
0.73	B 7	0.8407	0.504	-0.0174	B 17	0.8414	0.503	-0.0131		B 30	0.8411	0.503	-0.0146	
0.98	B 8	0.8410	0.504	-0.0152	B 18	0.8407	0.504	-0.0178		B 31	0.8409	0.504	-0.0162	
1.23	B 9	0.8419	0.502	-0.0091	B 19	0.8408	0.504	-0.0171		B 32	0.8415	0.503	-0.0120	
1.48	B 10	0.8416	0.502	-0.0113	B 20	0.8407	0.504	-0.0177		B 33	0.8416	0.502	-0.0111	
1.98	B 11	0.8422	0.501	-0.0073	B 21	0.8422	0.502	-0.0076		B 34	0.8424	0.501	-0.0063	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.8439	0.498	0.0030	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.8426	0.501	-0.0048		B 46	0.8427	0.501	-0.0055	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.8416	0.503	-0.0117		B 48	0.8423	0.501	-0.0084	
0.23		0.0000	0.000	0.0000	B 38	0.8418	0.502	-0.0101			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.8415	0.503	-0.0133			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.8411	0.503	-0.0161		B 50	0.8412	0.503	-0.0158	
0.98		0.0000	0.000	0.0000	B 41	0.8414	0.503	-0.0139		B 51	0.8400	0.505	-0.0240	
1.23		0.0000	0.000	0.0000	B 42	0.8409	0.504	-0.0177		B 52	0.8410	0.504	-0.0170	
1.48		0.0000	0.000	0.0000	B 43	0.8415	0.503	-0.0134		B 53	0.8414	0.503	-0.0139	
1.98		0.0000	0.000	0.0000	B 44	0.8425	0.501	-0.0071		B 54	0.8413	0.503	-0.0147	
3.98	B 55	0.8429	0.500	-0.0040		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.8419	0.502	-0.0112		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-II. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 1 DEG — Continued

(B) RUN= 67 ALPHA= 1 DEG MINF=0.601 REC= 5.84E+06  
PT= 4.15 ATM= 61.1 PSIA TT= 257. DEG K= 463. DEG R

## (1) TOP WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.7826	0.602	-0.0035		0.0000	0.000	0.0000		T 22	0.7819	0.603	-0.0066	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.7821	0.603	-0.0054	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.7808	0.605	-0.0120	
-0.52	T 2	0.7805	0.606	-0.0142	T 12	0.7797	0.607	-0.0182		T 25	0.7790	0.608	-0.0210	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.7780	0.610	-0.0271	T 14	0.7781	0.610	-0.0262		T 27	0.7780	0.610	-0.0260	
0.23	T 5	0.7775	0.611	-0.0296	T 15	0.7774	0.611	-0.0300		T 28	0.7775	0.611	-0.0288	
0.48	T 6	0.7772	0.611	-0.0312	T 16	0.7760	0.613	-0.0369		T 29	0.7766	0.612	-0.0330	
0.73	T 7	0.7761	0.613	-0.0368	T 17	0.7755	0.614	-0.0387		T 30	0.7766	0.612	-0.0331	
0.98	T 8	0.7761	0.613	-0.0364	T 18	0.7758	0.613	-0.0372		T 31	0.7771	0.611	-0.0305	
1.23	T 9	0.7771	0.611	-0.0314	T 19	0.7768	0.612	-0.0320		T 32	0.7766	0.612	-0.0330	
1.48	T 10	0.7783	0.609	-0.0257	T 20	0.7778	0.610	-0.0269		T 33	0.7773	0.611	-0.0294	
1.98	T 11	0.7794	0.607	-0.0197	T 21	0.7789	0.608	-0.0216		T 34	0.7793	0.608	-0.0196	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.7826	0.602	-0.0029	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.7804	0.606	-0.0140		T 46	0.7806	0.606	-0.0130	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.7787	0.609	-0.0223		T 48	0.7788	0.608	-0.0220	
0.23		0.0000	0.000	0.0000	T 38	0.7779	0.610	-0.0266			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.7775	0.611	-0.0286			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.7771	0.611	-0.0305		T 50	0.7772	0.611	-0.0303	
0.98		0.0000	0.000	0.0000	T 41	0.7772	0.611	-0.0302		T 51	0.7762	0.613	-0.0352	
1.23		0.0000	0.000	0.0000	T 42	0.0000	0.000	0.0000		T 52	0.7765	0.612	-0.0335	
1.48		0.0000	0.000	0.0000	T 43	0.7781	0.610	-0.0257		T 53	0.7781	0.610	-0.0254	
1.98		0.0000	0.000	0.0000	T 44	0.7795	0.607	-0.0185		T 54	0.7786	0.609	-0.0231	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.7792	0.608	-0.0207		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.7839	0.600	0.0030		0.0000	0.000	0.0000		B 22	0.7837	0.600	0.0022	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.7835	0.601	0.0011	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.7829	0.602	-0.0020	
-0.52	B 2	0.7814	0.604	-0.0098	B 12	0.7817	0.604	-0.0080		B 25	0.7821	0.603	-0.0060	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.7802	0.606	-0.0155	B 14	0.7802	0.606	-0.0157		B 27	0.7803	0.606	-0.0154	
0.23	B 5	0.7795	0.607	-0.0192	B 15	0.7797	0.607	-0.0182		B 28	0.7799	0.607	-0.0173	
0.48	B 6	0.7796	0.607	-0.0188	B 16	0.7791	0.608	-0.0214		B 29	0.7788	0.608	-0.0228	
0.73	B 7	0.7785	0.609	-0.0242	B 17	0.7788	0.609	-0.0230		B 30	0.7786	0.609	-0.0236	
0.98	B 8	0.7788	0.608	-0.0226	B 18	0.7782	0.609	-0.0257		B 31	0.7785	0.609	-0.0241	
1.23	B 9	0.7799	0.607	-0.0175	B 19	0.7788	0.608	-0.0226		B 32	0.7789	0.608	-0.0221	
1.48	B 10	0.7796	0.607	-0.0188	B 20	0.7789	0.608	-0.0223		B 33	0.7794	0.608	-0.0200	
1.98	B 11	0.7807	0.605	-0.0130	B 21	0.7805	0.606	-0.0142		B 34	0.7802	0.606	-0.0155	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.7832	0.601	-0.0004	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.7820	0.603	-0.0066		B 46	0.7818	0.604	-0.0071	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.7803	0.606	-0.0151		B 48	0.7794	0.607	-0.0194	
0.23		0.0000	0.000	0.0000	B 38	0.7797	0.607	-0.0181			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.7789	0.608	-0.0218			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.7786	0.609	-0.0232		B 50	0.7777	0.610	-0.0278	
0.98		0.0000	0.000	0.0000	B 41	0.7781	0.610	-0.0258		B 51	0.7777	0.610	-0.0232	
1.23		0.0000	0.000	0.0000	B 42	0.7781	0.610	-0.0261		B 52	0.7780	0.610	-0.0262	
1.48		0.0000	0.000	0.0000	B 43	0.7789	0.608	-0.0221		B 53	0.7791	0.608	-0.0210	
1.98		0.0000	0.000	0.0000	B 44	0.7791	0.608	-0.0209		B 54	0.7798	0.607	-0.0173	
3.98	B 55	0.7796	0.607	-0.0183		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.7780	0.610	-0.0263		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-II. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 1 DEG — Continued

(C) RUN= 66 ALPHA= 1 DEG MINF=0.695 REC= 5.95E+06  
PT= 3.85 ATM= 56.5 PSIA TT= 257. DEG K= 463. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.7238	0.696	-0.0017		0.0000	0.000	0.0000		T 22	0.7234	0.696	-0.0029	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.7230	0.697	-0.0046	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.7215	0.699	-0.0107	
-0.52	T 2	0.7199	0.702	-0.0174	T 12	0.7200	0.702	-0.0173		T 25	0.7194	0.702	-0.0195	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.7169	0.706	-0.0298	T 14	0.7164	0.707	-0.0317		T 27	0.7170	0.706	-0.0291	
0.23	T 5	0.7144	0.710	-0.0398	T 15	0.7143	0.710	-0.0403		T 28	0.7149	0.709	-0.0377	
0.48	T 6	0.7136	0.711	-0.0431	T 16	0.7125	0.713	-0.0476		T 29	0.7140	0.711	-0.0412	
0.73	T 7	0.7118	0.714	-0.0505	T 17	0.7123	0.713	-0.0484		T 30	0.7136	0.711	-0.0429	
0.98	T 8	0.7125	0.713	-0.0477	T 18	0.7125	0.713	-0.0473		T 31	0.7137	0.711	-0.0425	
1.23	T 9	0.7143	0.710	-0.0403	T 19	0.7146	0.710	-0.0388		T 32	0.7147	0.710	-0.0385	
1.48	T 10	0.7164	0.707	-0.0319	T 20	0.7164	0.707	-0.0316		T 33	0.7163	0.707	-0.0319	
1.98	T 11	0.7190	0.703	-0.0213	T 21	0.7182	0.704	-0.0241		T 34	0.7185	0.704	-0.0232	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.7237	0.696	-0.0018	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 46	0.7201	0.701	-0.0163	
-0.52		0.0000	0.000	0.0000	T 35	0.7202	0.701	-0.0161			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 48	0.7171	0.706	-0.0287	
-0.02		0.0000	0.000	0.0000	T 37	0.7174	0.706	-0.0276			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	T 38	0.7154	0.709	-0.0355			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.7147	0.710	-0.0387			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.7143	0.710	-0.0402		T 50	0.7150	0.709	-0.0372	
0.98		0.0000	0.000	0.0000	T 41	0.7144	0.710	-0.0395		T 51	0.7151	0.709	-0.0368	
1.23		0.0000	0.000	0.0000	T 42	0.0000	0.000	0.0000		T 52	0.7155	0.708	-0.0353	
1.48		0.0000	0.000	0.0000	T 43	0.7163	0.707	-0.0320		T 53	0.7168	0.706	-0.0299	
1.98		0.0000	0.000	0.0000	T 44	0.7187	0.703	-0.0220		T 54	0.7177	0.705	-0.0262	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.7166	0.707	-0.0326		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.7245	0.694	-0.0005		0.0000	0.000	0.0000		B 22	0.7242	0.695	-0.0014	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.7240	0.695	-0.0025	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.7233	0.696	-0.0054	
-0.52	B 2	0.7219	0.698	-0.0110	B 12	0.7220	0.698	-0.0107		B 25	0.7204	0.701	-0.0172	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.7191	0.703	-0.0224	B 14	0.7194	0.702	-0.0214		B 27	0.7192	0.703	-0.0220	
0.23	B 5	0.7175	0.705	-0.0292	B 15	0.7175	0.705	-0.0288		B 28	0.7177	0.705	-0.0282	
0.48	B 6	0.7163	0.707	-0.0341	B 16	0.7163	0.707	-0.0338		B 29	0.7163	0.707	-0.0338	
0.73	B 7	0.7152	0.709	-0.0383	B 17	0.7153	0.709	-0.0381		B 30	0.7158	0.708	-0.0361	
0.98	B 8	0.7160	0.708	-0.0351	B 18	0.7153	0.709	-0.0382		B 31	0.7159	0.708	-0.0356	
1.23	B 9	0.7172	0.706	-0.0304	B 19	0.7168	0.706	-0.0320		B 32	0.7162	0.707	-0.0343	
1.48	B 10	0.7180	0.705	-0.0271	B 20	0.7170	0.706	-0.0311		B 33	0.7168	0.706	-0.0319	
1.98	B 11	0.7199	0.702	-0.0192	B 21	0.7198	0.702	-0.0195		B 34	0.7186	0.704	-0.0244	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.7246	0.694	0.0002	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 46	0.7219	0.698	-0.0106	
-0.52		0.0000	0.000	0.0000	B 35	0.7215	0.699	-0.0126			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 48	0.7197	0.702	-0.0196	
-0.02		0.0000	0.000	0.0000	B 37	0.7189	0.703	-0.0232			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	B 38	0.7183	0.704	-0.0258			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.7174	0.706	-0.0293			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.7164	0.707	-0.0334		B 50	0.7163	0.707	-0.0338	
0.98		0.0000	0.000	0.0000	B 41	0.7165	0.707	-0.0328		B 51	0.7158	0.708	-0.0357	
1.23		0.0000	0.000	0.0000	B 42	0.7170	0.706	-0.0308		B 52	0.7169	0.706	-0.0310	
1.48		0.0000	0.000	0.0000	B 43	0.7180	0.705	-0.0268		B 53	0.7174	0.706	-0.0293	
1.98		0.0000	0.000	0.0000	B 44	0.7196	0.702	-0.0201		B 54	0.7185	0.704	-0.0247	
3.98	B 55	0.7192	0.703	-0.0218		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.7160	0.708	-0.0348		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-II. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 1 DEG — Continued

(D) RUN= 62 ALPHA= 1 DEG MINF=0.819 REC= 2.00E+06  
PT= 1.23 ATM= 18.1 PSIA TT= 266. DEG K= 478. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.6427	0.821	-0.0032		0.0000	0.000	0.0000	T 22	0.6430	0.820	-0.0033		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.6420	0.821	-0.0064		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.6392	0.826	-0.0158		
-0.52	T 2	0.6354	0.832	-0.0271	T 12	0.6352	0.832	-0.0277	T 25	0.6350	0.832	-0.0297		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	T 4	0.6228	0.851	-0.0689	T 14	0.6253	0.847	-0.0607	T 27	0.6259	0.846	-0.0598		
0.23	T 5	0.6156	0.862	-0.0926	T 15	0.6170	0.860	-0.0881	T 28	0.6179	0.859	-0.0863		
0.48	T 6	0.6086	0.873	-0.1158	T 16	0.6092	0.872	-0.1140	T 29	0.6108	0.870	-0.1099		
0.73	T 7	0.6050	0.879	-0.1276	T 17	0.6058	0.877	-0.1264	T 30	0.6081	0.874	-0.1187		
0.98	T 8	0.6095	0.872	-0.1130	T 18	0.6089	0.873	-0.1160	T 31	0.6105	0.870	-0.1108		
1.23	T 9	0.6160	0.862	-0.0913	T 19	0.6163	0.861	-0.0918	T 32	0.6168	0.860	-0.0901		
1.48	T 10	0.6217	0.853	-0.0725	T 20	0.6217	0.853	-0.0738	T 33	0.6218	0.853	-0.0734		
1.98	T 11	0.6285	0.842	-0.0501	T 21	0.6280	0.843	-0.0528	T 34	0.6282	0.843	-0.0524		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.6438	0.819	-0.0006		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.6354	0.832	-0.0283	T 46	0.6352	0.832	-0.0290		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.6261	0.846	-0.0592	T 48	0.6262	0.846	-0.0590		
0.23		0.0000	0.000	0.0000	T 38	0.6197	0.856	-0.0805		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.6126	0.867	-0.1037		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.6098	0.871	-0.1132	T 50	0.6132	0.866	-0.1018		
0.98		0.0000	0.000	0.0000	T 41	0.6115	0.869	-0.1077	T 51	0.6142	0.864	-0.0985		
1.23		0.0000	0.000	0.0000	T 42	0.6000	0.000	0.0000	T 52	0.6174	0.859	-0.0880		
1.48		0.0000	0.000	0.0000	T 43	0.6217	0.853	-0.0736	T 53	0.6217	0.853	-0.0736		
1.98		0.0000	0.000	0.0000	T 44	0.6281	0.843	-0.0527	T 54	0.6275	0.844	-0.0545		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.6236	0.850	-0.0655		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.6430	0.820	-0.0014		0.0000	0.000	0.0000	B 22	0.6435	0.819	0.0001		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.6428	0.820	-0.0022		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.6415	0.822	-0.0063		
-0.52	B 2	0.6364	0.830	-0.0232	B 12	0.6383	0.827	-0.0170	B 25	0.6366	0.830	-0.0223		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	B 4	0.6295	0.841	-0.0462	B 14	0.6295	0.841	-0.0459	B 27	0.6309	0.839	-0.0414		
0.23	B 5	0.6225	0.852	-0.0694	B 15	0.6250	0.848	-0.0611	B 28	0.6237	0.850	-0.0652		
0.48	B 6	0.6178	0.859	-0.0849	B 16	0.6180	0.859	-0.0841	B 29	0.6173	0.860	-0.0864		
0.73	B 7	0.6135	0.865	-0.0990	B 17	0.6137	0.865	-0.0982	B 30	0.6152	0.863	-0.0934		
0.98	B 8	0.6158	0.862	-0.0912	B 18	0.6158	0.862	-0.0913	B 31	0.6164	0.861	-0.0893		
1.23	B 9	0.6220	0.852	-0.0707	B 19	0.6203	0.855	-0.0764	B 32	0.6197	0.856	-0.0784		
1.48	B 10	0.6249	0.848	-0.0613	B 20	0.6246	0.848	-0.0624	B 33	0.6253	0.847	-0.0599		
1.98	B 11	0.6296	0.841	-0.0458	B 21	0.6298	0.840	-0.0451	B 34	0.6291	0.841	-0.0475		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.6444	0.818	0.0008		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.6369	0.829	-0.0217	B 46	0.6367	0.830	-0.0245		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.6297	0.840	-0.0453	B 48	0.6322	0.837	-0.0397		
0.23		0.0000	0.000	0.0000	B 38	0.6250	0.848	-0.0610		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.6198	0.856	-0.0805		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.6151	0.863	-0.0961	B 50	0.6184	0.858	-0.0853		
0.98		0.0000	0.000	0.0000	B 41	0.6164	0.861	-0.0920	B 51	0.6164	0.861	-0.0920		
1.23		0.0000	0.000	0.0000	B 42	0.6207	0.854	-0.0777	B 52	0.6212	0.853	-0.0758		
1.48		0.0000	0.000	0.0000	B 43	0.6246	0.848	-0.0646	B 53	0.6231	0.851	-0.0698		
1.98		0.0000	0.000	0.0000	B 44	0.6274	0.844	-0.0553	B 54	0.6284	0.842	-0.0520		
3.98	B 55	0.6304	0.839	-0.0454		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.6232	0.850	-0.0694		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-II. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 1 DEG — Continued

(E) RUN= 64 ALPHA= 1 DEG MINF=0.817 REC= 3.89E+06  
PT= 2.31 ATM= 34.0 PSIA TT= 259. DEG K= 466. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6441	0.818	-0.0034		0.0000	0.000	0.0000		T 22	0.6434	0.819	-0.0054	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6429	0.820	-0.0070	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6404	0.824	-0.0154	
-0.52	T 2	0.6376	0.828	-0.0249	T 12	0.6371	0.829	-0.0267		T 25	0.6366	0.830	-0.0280	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6258	0.846	-0.0641	T 14	0.6277	0.843	-0.0577		T 27	0.6276	0.844	-0.0579	
0.23	T 5	0.6188	0.857	-0.0875	T 15	0.6195	0.856	-0.0850		T 28	0.6206	0.855	-0.0811	
0.48	T 6	0.6126	0.867	-0.1078	T 16	0.6122	0.868	-0.1095		T 29	0.6141	0.865	-0.1027	
0.73	T 7	0.6090	0.872	-0.1200	T 17	0.6091	0.872	-0.1191		T 30	0.6114	0.869	-0.1115	
0.98	T 8	0.6130	0.866	-0.1068	T 18	0.6127	0.867	-0.1072		T 31	0.6144	0.864	-0.1018	
1.23	T 9	0.6196	0.856	-0.0846	T 19	0.6200	0.855	-0.0831		T 32	0.6195	0.856	-0.0847	
1.48	T 10	0.6254	0.847	-0.0656	T 20	0.6252	0.847	-0.0657		T 33	0.6252	0.847	-0.0658	
1.98	T 11	0.6324	0.836	-0.0422	T 21	0.6312	0.838	-0.0458		T 34	0.6311	0.838	-0.0461	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6443	0.818	-0.0022	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6367	0.830	-0.0276		T 46	0.6366	0.830	-0.0281	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6282	0.843	-0.0559		T 48	0.6280	0.843	-0.0566	
0.23		0.0000	0.000	0.0000	T 38	0.6224	0.852	-0.0752			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6163	0.861	-0.0955			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.6134	0.866	-0.1051		T 50	0.6162	0.861	-0.0955	
0.98		0.0000	0.000	0.0000	T 41	0.6155	0.862	-0.0981		T 51	0.6177	0.859	-0.0907	
1.23		0.0000	0.000	0.0000	T 42	0.6000	0.000	0.0000		T 52	0.6210	0.854	-0.0797	
1.48		0.0000	0.000	0.0000	T 43	0.6250	0.848	-0.0663		T 53	0.6249	0.848	-0.0669	
1.98		0.0000	0.000	0.0000	T 44	0.6310	0.838	-0.0465		T 54	0.6306	0.839	-0.0477	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.6277	0.844	-0.0574		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6450	0.817	0.0000		0.0000	0.000	0.0000		B 22	0.6456	0.816	0.0021	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6442	0.818	-0.0026	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6428	0.820	-0.0073	
-0.52	B 2	0.6369	0.826	-0.0203	B 12	0.6403	0.824	-0.0156		B 25	0.6402	0.824	-0.0161	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6321	0.837	-0.0429	B 14	0.6320	0.837	-0.0430		B 27	0.6323	0.836	-0.0420	
0.23	B 5	0.6253	0.847	-0.0652	B 15	0.6264	0.846	-0.0619		B 28	0.6263	0.846	-0.0620	
0.48	B 6	0.6203	0.855	-0.0818	B 16	0.6194	0.856	-0.0849		B 29	0.6199	0.856	-0.0833	
0.73	B 7	0.6165	0.861	-0.0947	B 17	0.6167	0.860	-0.0938		B 30	0.6178	0.859	-0.0904	
0.98	B 8	0.6196	0.856	-0.0842	B 18	0.6190	0.857	-0.0863		B 31	0.6194	0.856	-0.0850	
1.23	B 9	0.6232	0.851	-0.0724	B 19	0.6231	0.851	-0.0727		B 32	0.6231	0.851	-0.0727	
1.48	B 10	0.6274	0.844	-0.0583	B 20	0.6273	0.844	-0.0589		B 33	0.6269	0.845	-0.0601	
1.98	B 11	0.6334	0.835	-0.0386	B 21	0.6330	0.835	-0.0397		B 34	0.6317	0.837	-0.0442	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6447	0.817	-0.0018	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6392	0.826	-0.0192		B 46	0.6380	0.828	-0.0241	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6320	0.837	-0.0432		B 48	0.6308	0.839	-0.0480	
0.23		0.0000	0.000	0.0000	B 38	0.6266	0.845	-0.0612			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6219	0.853	-0.0777			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6183	0.858	-0.0896		B 50	0.6191	0.857	-0.0868	
0.98		0.0000	0.000	0.0000	B 41	0.6195	0.856	-0.0854		B 51	0.6184	0.858	-0.0891	
1.23		0.0000	0.000	0.0000	B 42	0.6228	0.851	-0.0745		B 52	0.6221	0.852	-0.0767	
1.48		0.0000	0.000	0.0000	B 43	0.6267	0.845	-0.0616		B 53	0.6267	0.845	-0.0617	
1.98		0.0000	0.000	0.0000	B 44	0.6307	0.839	-0.0482		B 54	0.6299	0.840	-0.0510	
3.98	B 55	0.6323	0.836	-0.0429		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6261	0.846	-0.0635		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-II. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 1 DEG - Continued

(F) RUN= 63 ALPHA= 1 DEG MINF=0.815 REC= 6.00E+06  
PT= 3.58 ATM= 52.6 PSIA TT= 259. DEG K= 466. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6447	0.817	-0.0048		0.0000	0.000	0.0000		T 22	0.6448	0.817	-0.0048	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6441	0.818	-0.0070	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6418	0.822	-0.0147	
-0.52	T 2	0.6383	0.827	-0.0261	T 12	0.6385	0.827	-0.0256		T 25	0.6378	0.828	-0.0282	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6276	0.844	-0.0617	T 14	0.6282	0.843	-0.0596		T 27	0.6295	0.841	-0.0555	
0.23	T 5	0.6199	0.856	-0.0873	T 15	0.6209	0.854	-0.0841		T 28	0.6223	0.852	-0.0795	
0.48	T 6	0.6138	0.855	-0.1075	T 16	0.6130	0.866	-0.1102		T 29	0.6161	0.861	-0.1033	
0.73	T 7	0.6103	0.870	-0.1193	T 17	0.6110	0.869	-0.1172		T 30	0.6135	0.865	-0.1036	
0.98	T 8	0.6141	0.865	-0.1068	T 18	0.6143	0.864	-0.1064		T 31	0.6165	0.861	-0.0989	
1.23	T 9	0.6212	0.854	-0.0832	T 19	0.6217	0.853	-0.0815		T 32	0.6219	0.853	-0.0811	
1.48	T 10	0.6266	0.845	-0.0650	T 20	0.6274	0.844	-0.0628		T 33	0.6270	0.845	-0.0641	
1.98	T 11	0.6338	0.834	-0.0411	T 21	0.6328	0.836	-0.0446		T 34	0.6331	0.835	-0.0437	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6453	0.817	-0.0033	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6384	0.827	-0.0261		T 46	0.6382	0.827	-0.0263	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6298	0.840	-0.0548		T 48	0.6302	0.840	-0.0535	
0.23		0.0000	0.000	0.0000	T 38	0.6240	0.849	-0.0739			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6184	0.858	-0.0928			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.6155	0.862	-0.1023		T 50	0.6187	0.857	-0.0916	
0.98		0.0000	0.000	0.0000	T 41	0.6175	0.859	-0.0957		T 51	0.6209	0.855	-0.0873	
1.23		0.0000	0.000	0.0000	T 42	0.0000	0.000	0.0000		T 52	0.6231	0.851	-0.0770	
1.48		0.0000	0.000	0.0000	T 43	0.6267	0.845	-0.0651		T 53	0.6268	0.845	-0.0646	
1.98		0.0000	0.000	0.0000	T 44	0.6331	0.835	-0.0439		T 54	0.6325	0.836	-0.0455	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.6293	0.841	-0.0560		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6464	0.815	0.0007		0.0000	0.000	0.0000		B 22	0.6462	0.815	0.0001	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6450	0.817	-0.0039	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6439	0.819	-0.0077	
-0.52	B 2	0.6410	0.823	-0.0173	B 12	0.6418	0.822	-0.0147		B 25	0.6410	0.823	-0.0172	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6340	0.834	-0.0406	B 14	0.6331	0.835	-0.0435		B 27	0.6335	0.835	-0.0422	
0.23	B 5	0.6273	0.844	-0.0630	B 15	0.6278	0.843	-0.0610		B 28	0.6276	0.844	-0.0619	
0.48	B 6	0.6228	0.851	-0.0779	B 16	0.6222	0.852	-0.0799		B 29	0.6233	0.850	-0.0761	
0.73	B 7	0.6187	0.857	-0.0915	B 17	0.6199	0.856	-0.0873		B 30	0.6198	0.856	-0.0876	
0.98	B 8	0.6220	0.852	-0.0806	B 18	0.6207	0.854	-0.0846		B 31	0.6215	0.853	-0.0820	
1.23	B 9	0.6278	0.843	-0.0611	B 19	0.6251	0.848	-0.0701		B 32	0.6258	0.846	-0.0677	
1.48	B 10	0.6308	0.839	-0.0512	B 20	0.6294	0.841	-0.0557		B 33	0.6303	0.839	-0.0527	
1.98	B 11	0.6353	0.832	-0.0363	B 21	0.6351	0.832	-0.0369		B 34	0.6345	0.833	-0.0337	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6454	0.816	-0.0025	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6408	0.823	-0.0178		B 46	0.6396	0.825	-0.0218	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6337	0.834	-0.0415		B 48	0.6332	0.835	-0.0430	
0.23		0.0000	0.000	0.0000	B 38	0.6287	0.842	-0.0580			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6236	0.850	-0.0749			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6207	0.854	-0.0847		B 50	0.6216	0.853	-0.0819	
0.98		0.0000	0.000	0.0000	B 41	0.6219	0.853	-0.0808		B 51	0.6209	0.854	-0.0841	
1.23		0.0000	0.000	0.0000	B 42	0.6252	0.847	-0.0697		B 52	0.6243	0.849	-0.0726	
1.48		0.0000	0.000	0.0000	B 43	0.6285	0.842	-0.0587		B 53	0.6279	0.843	-0.0667	
1.98		0.0000	0.000	0.0000	B 44	0.6337	0.834	-0.0415		B 54	0.6329	0.836	-0.0443	
3.98	B 55	0.6354	0.832	-0.0359		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6236	0.842	-0.0585		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-II. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 1 DEG — Continued

(G) RUN= 65 ALPHA= 1 DEG MINF=0.814 REC= 7.78E+06  
PT= 4.56 ATM= 67.1 PSIA TT= 255. DEG K= 460. DEG R

## (1) TOP WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6459	0.816	-0.0041		0.0000	0.000	0.0000		T 22	0.6467	0.814	-0.0019	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6457	0.816	-0.0050	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6433	0.820	-0.0132	
-0.52	T 2	0.6396	0.825	-0.0251	T 12	0.6389	0.826	-0.0274		T 25	0.6389	0.826	-0.0278	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6291	0.841	-0.0603	T 14	0.6292	0.841	-0.0598		T 27	0.6314	0.838	-0.0529	
0.23	T 5	0.6220	0.852	-0.0839	T 15	0.6225	0.852	-0.0821		T 28	0.6247	0.848	-0.0753	
0.48	T 6	0.6159	0.862	-0.1042	T 16	0.6149	0.863	-0.1076		T 29	0.6182	0.858	-0.0969	
0.73	T 7	0.6123	0.867	-0.1162	T 17	0.6121	0.868	-0.1170		T 30	0.6144	0.864	-0.1096	
0.98	T 8	0.6160	0.862	-0.1037	T 18	0.6159	0.862	-0.1046		T 31	0.6186	0.858	-0.0955	
1.23	T 9	0.6230	0.851	-0.0805	T 19	0.6236	0.850	-0.0787		T 32	0.6243	0.849	-0.0764	
1.48	T 10	0.6285	0.842	-0.0622	T 20	0.6293	0.841	-0.0599		T 33	0.6297	0.841	-0.0586	
1.98	T 11	0.6354	0.832	-0.0392	T 21	0.6348	0.833	-0.0415		T 34	0.6354	0.832	-0.0394	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B= 1.000					2Y/B= 1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6466	0.814	-0.0020	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6402	0.824	-0.0233		T 46	0.6402	0.824	-0.0235	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6319	0.837	-0.0511		T 48	0.6320	0.837	-0.0506	
0.23		0.0000	0.000	0.0000	T 38	0.6265	0.845	-0.0692			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6207	0.854	-0.0885			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.6180	0.859	-0.0976		T 50	0.6208	0.854	-0.0883	
0.98		0.0000	0.000	0.0000	T 41	0.6198	0.856	-0.0914		T 51	0.6212	0.854	-0.0869	
1.23		0.0000	0.000	0.0000	T 42	0.0000	0.000	0.0000		T 52	0.6248	0.848	-0.0746	
1.48		0.0000	0.000	0.0000	T 43	0.6289	0.842	-0.0610		T 53	0.6288	0.842	-0.0615	
1.98		0.0000	0.000	0.0000	T 44	0.6354	0.832	-0.0393		T 54	0.6342	0.834	-0.0435	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.6312	0.838	-0.0528		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6478	0.813	0.0025		0.0000	0.000	0.0000		B 22	0.6475	0.813	0.0015	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6467	0.814	-0.0010	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6452	0.817	-0.0062	
-0.52	B 2	0.6433	0.820	-0.0126	B 12	0.6434	0.819	-0.0121		B 25	0.6431	0.820	-0.0133	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6361	0.831	-0.0364	B 14	0.6332	0.835	-0.0460		B 27	0.6357	0.831	-0.0378	
0.23	B 5	0.6298	0.840	-0.0574	B 15	0.6296	0.841	-0.0582		B 28	0.6304	0.839	-0.0554	
0.48	B 6	0.6254	0.847	-0.0723	B 16	0.6246	0.848	-0.0748		B 29	0.6256	0.847	-0.0716	
0.73	B 7	0.6212	0.854	-0.0862	B 17	0.6221	0.852	-0.0831		B 30	0.6224	0.852	-0.0823	
0.98	B 8	0.6247	0.848	-0.0745	B 18	0.6233	0.850	-0.0790		B 31	0.6243	0.849	-0.0757	
1.23	B 9	0.6286	0.842	-0.0616	B 19	0.6272	0.844	-0.0663		B 32	0.6283	0.843	-0.0625	
1.48	B 10	0.6325	0.836	-0.0484	B 20	0.6313	0.838	-0.0524		B 33	0.6314	0.838	-0.0523	
1.98	B 11	0.6375	0.828	-0.0318	B 21	0.6377	0.828	-0.0311		B 34	0.6360	0.831	-0.0367	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B= 1.000					2Y/B= 1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6471	0.814	-0.0005	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6427	0.821	-0.0147		B 46	0.6413	0.823	-0.0197	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6361	0.831	-0.0366		B 48	0.6344	0.833	-0.0429	
0.23		0.0000	0.000	0.0000	B 38	0.6312	0.838	-0.0529			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6259	0.846	-0.0712			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6231	0.851	-0.0805		B 50	0.6233	0.850	-0.0796	
0.98		0.0000	0.000	0.0000	B 41	0.6238	0.849	-0.0780		B 51	0.6236	0.850	-0.0787	
1.23		0.0000	0.000	0.0000	B 42	0.6272	0.844	-0.0667		B 52	0.6265	0.845	-0.0691	
1.48		0.0000	0.000	0.0000	B 43	0.6311	0.838	-0.0538		B 53	0.0000	0.000	0.0000	
1.98		0.0000	0.000	0.0000	B 44	0.6351	0.832	-0.0403		B 54	0.0000	0.000	0.0000	
3.98	B 55	0.6367	0.830	-0.0351		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6299	0.840	-0.0577		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-II. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 1 DEG — Continued

(H) RUN=172 ALPHA= 1 DEG MINF=0.826 REC= 7.95E+06  
PT= 4.72 ATM= 69.3 PSIA TT= 259. DEG K= 467. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6395	0.825	0.0009		0.0000	0.000	0.0000		T 22	0.6395	0.825	0.0006	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6382	0.827	-0.0035	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6365	0.830	-0.0090	
-0.52	T 2	0.6339	0.834	-0.0175	T 12	0.6333	0.835	-0.0196		T 25	0.6338	0.834	-0.0179	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6215	0.853	-0.0582	T 14	0.6217	0.853	-0.0575		T 27	0.6225	0.852	-0.0551	
0.23	T 5	0.6129	0.866	-0.0866	T 15	0.6128	0.867	-0.0867		T 28	0.6140	0.865	-0.0828	
0.48	T 6	0.6038	0.881	-0.1163	T 16	0.6026	0.882	-0.1201		T 29	0.6056	0.878	-0.1104	
0.73	T 7	0.5986	0.889	-0.1333	T 17	0.5993	0.887	-0.1311		T 30	0.6016	0.884	-0.1236	
0.98	T 8	0.6032	0.881	-0.1181	T 18	0.6000	0.880	0.0000		T 31	0.6050	0.879	-0.1124	
1.23	T 9	0.6115	0.868	-0.0909	T 19	0.6119	0.868	-0.0899		T 32	0.6123	0.867	-0.0886	
1.48	T 10	0.6187	0.857	-0.0675	T 20	0.6183	0.858	-0.0689		T 33	0.6186	0.858	-0.0680	
1.98	T 11	0.6258	0.846	-0.0440	T 21	0.6255	0.847	-0.0451		T 34	0.6256	0.847	-0.0448	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6393	0.826	-0.0001	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 46	0.6318	0.837	-0.0246	
-0.52		0.0000	0.000	0.0000	T 35	0.6330	0.835	-0.0207			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 48	0.6229	0.851	-0.0536	
-0.02		0.0000	0.000	0.0000	T 37	0.6232	0.850	-0.0527			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	T 38	0.6159	0.862	-0.0768			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6083	0.873	-0.1016			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.6040	0.880	-0.1157		T 50	0.0000	0.000	0.0000	
0.98		0.0000	0.000	0.0000	T 41	0.6059	0.877	-0.1094		T 51	0.0000	0.000	0.0000	
1.23		0.0000	0.000	0.0000	T 42	0.6116	0.868	-0.0907		T 52	0.0000	0.000	0.0000	
1.48		0.0000	0.000	0.0000	T 43	0.6178	0.859	-0.0706		T 53	0.0000	0.000	0.0000	
1.98		0.0000	0.000	0.0000	T 44	0.6252	0.847	-0.0463		T 54	0.0000	0.000	0.0000	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6398	0.825	0.0033		0.0000	0.000	0.0000		B 22	0.6391	0.826	0.0010	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6384	0.827	-0.0013	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6369	0.829	-0.0062	
-0.52	B 2	0.6353	0.832	-0.0114	B 12	0.6345	0.833	-0.0142		B 25	0.6342	0.834	-0.0152	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6257	0.847	-0.0428	B 14	0.6252	0.847	-0.0446		B 27	0.6254	0.847	-0.0439	
0.23	B 5	0.6176	0.859	-0.0694	B 15	0.6168	0.860	-0.0720		B 28	0.6180	0.859	-0.0683	
0.48	B 6	0.6102	0.871	-0.0938	B 16	0.6096	0.871	-0.0955		B 29	0.6105	0.870	-0.0928	
0.73	B 7	0.6024	0.883	-0.1193	B 17	0.6061	0.877	-0.1072		B 30	0.6065	0.876	-0.1059	
0.98	B 8	0.6081	0.874	-0.1004	B 18	0.6080	0.874	-0.1008		B 31	0.6086	0.873	-0.0990	
1.23	B 9	0.6137	0.865	-0.0823	B 19	0.6146	0.864	-0.0792		B 32	0.6138	0.865	-0.0820	
1.48	B 10	0.6200	0.855	-0.0617	B 20	0.6192	0.857	-0.0642		B 33	0.6190	0.857	-0.0648	
1.98	B 11	0.6264	0.846	-0.0405	B 21	0.6257	0.847	-0.0428		B 34	0.6231	0.851	-0.0515	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6396	0.825	0.0021	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6334	0.835	-0.0177		B 46	0.6335	0.835	-0.0182	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6262	0.846	-0.0414		B 48	0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	B 38	0.6184	0.858	-0.0667			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6134	0.866	-0.0838			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6089	0.873	-0.0986		B 50	0.6113	0.869	-0.0908	
0.98		0.0000	0.000	0.0000	B 41	0.6101	0.871	-0.0947		B 51	0.6097	0.871	-0.0960	
1.23		0.0000	0.000	0.0000	B 42	0.6144	0.864	-0.0806		B 52	0.6147	0.864	-0.0798	
1.48		0.0000	0.000	0.0000	B 43	0.6200	0.855	-0.0624		B 53	0.6194	0.856	-0.0644	
1.98		0.0000	0.000	0.0000	B 44	0.6264	0.846	-0.0413		B 54	0.6246	0.848	-0.0474	
3.98	B 55	0.6296	0.841	-0.0308		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6265	0.845	-0.0409		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-II. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 1 DEG — Continued

(I) RUN=170 ALPHA= 1 DEG MINF=0.840 REC= 5.99E+06  
PT= 3.54 ATN= 52.1 PSIA TT= 260. DEG K= 469. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6296	0.841	-0.0005		0.0000	0.000	0.0000		T 22	0.6299	0.840	-0.0039	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6286	0.842	-0.0051	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6261	0.846	-0.0129	
-0.52	T 2	0.6237	0.850	-0.0194	T 12	0.6231	0.851	-0.0213		T 25	0.6226	0.851	-0.0241	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6099	0.871	-0.0639	T 14	0.6107	0.870	-0.0613		T 27	0.6103	0.870	-0.0622	
0.23	T 5	0.5986	0.889	-0.1091	T 15	0.5988	0.888	-0.0995		T 28	0.5998	0.887	-0.0976	
0.48	T 6	0.5846	0.910	-0.1452	T 16	0.5845	0.911	-0.1455		T 29	0.5865	0.907	-0.1492	
0.73	T 7	0.5743	0.926	-0.1780	T 17	0.5739	0.927	-0.1806		T 30	0.5766	0.923	-0.1722	
0.98	T 8	0.5806	0.917	-0.1580	T 18	0.0900	0.000	0.0000		T 31	0.5801	0.917	-0.1609	
1.23	T 9	0.5929	0.897	-0.1185	T 19	0.5926	0.898	-0.1206		T 32	0.5926	0.898	-0.1208	
1.48	T 10	0.6031	0.882	-0.0856	T 20	0.6027	0.882	-0.0882		T 33	0.6025	0.883	-0.0889	
1.98	T 11	0.6127	0.867	-0.0549	T 21	0.6116	0.868	-0.0594		T 34	0.6118	0.868	-0.0589	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6297	0.841	-0.0015	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 46	0.6216	0.853	-0.0276	
-0.52		0.0000	0.000	0.0000	T 35	0.6223	0.852	-0.0250			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 48	0.6104	0.870	-0.0633	
-0.02		0.0000	0.000	0.0000	T 37	0.6107	0.870	-0.0624			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	T 38	0.6014	0.884	-0.0922		T 50	0.6000	0.890	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.5833	0.903	-0.1311		T 51	0.6000	0.890	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.5797	0.918	-0.1622		T 52	0.6000	0.890	0.0000	
0.98		0.0000	0.000	0.0000	T 41	0.5819	0.915	-0.1551		T 53	0.6000	0.890	0.0000	
1.23		0.0000	0.000	0.0000	T 42	0.5924	0.898	-0.1214		T 54	0.6000	0.890	0.0000	
1.48		0.0000	0.000	0.0000	T 43	0.6015	0.884	-0.0921			0.0000	0.000	0.0000	
1.98		0.0000	0.000	0.0000	T 44	0.6116	0.868	-0.0596			0.0000	0.000	0.0000	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6306	0.839	0.0024		0.0000	0.000	0.0000		B 22	0.6000	0.000	0.0000	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6291	0.841	-0.0024	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6281	0.843	-0.0054	
-0.52	B 2	0.6250	0.848	-0.0155	B 12	0.6251	0.848	-0.0154		B 25	0.6259	0.846	-0.0125	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6147	0.864	-0.0487	B 14	0.6140	0.865	-0.0510		B 27	0.6145	0.864	-0.0494	
0.23	B 5	0.6041	0.880	-0.0827	B 15	0.6030	0.882	-0.0862		B 28	0.6054	0.878	-0.0786	
0.48	B 6	0.5933	0.897	-0.1175	B 16	0.5927	0.898	-0.1193		B 29	0.5941	0.896	-0.1148	
0.73	B 7	0.5814	0.915	-0.1557	B 17	0.5863	0.908	-0.1399		B 30	0.5858	0.909	-0.1416	
0.98	B 8	0.5875	0.906	-0.1360	B 18	0.5871	0.907	-0.1373		B 31	0.5878	0.905	-0.1351	
1.23	B 9	0.5983	0.889	-0.1013	B 19	0.5975	0.890	-0.1041		B 32	0.5968	0.891	-0.1062	
1.48	B 10	0.6062	0.877	-0.0761	B 20	0.6039	0.880	-0.0835		B 33	0.6049	0.880	-0.0831	
1.98	B 11	0.6134	0.866	-0.0527	B 21	0.6124	0.867	-0.0561		B 34	0.6109	0.869	-0.0607	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6301	0.840	-0.0001	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 46	0.6231	0.851	-0.0228	
-0.52		0.0000	0.000	0.0000	B 35	0.6238	0.850	-0.0194			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 48	0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6141	0.864	-0.0504			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	B 38	0.6048	0.879	-0.0803			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.5961	0.892	-0.1096		B 50	0.5913	0.900	-0.1252	
0.73		0.0000	0.000	0.0000	B 40	0.5882	0.905	-0.1351		B 51	0.5892	0.903	-0.1318	
0.98		0.0000	0.000	0.0000	B 41	0.5890	0.904	-0.1324		B 52	0.5965	0.892	-0.1085	
1.23		0.0000	0.000	0.0000	B 42	0.5959	0.893	-0.1104		B 53	0.6032	0.881	-0.0869	
1.48		0.0000	0.000	0.0000	B 43	0.6045	0.879	-0.0827		B 54	0.6165	0.876	-0.0633	
1.98		0.0000	0.000	0.0000	B 44	0.6116	0.868	-0.0598			0.0000	0.000	0.0000	
3.98	B 55	0.6146	0.864	-0.0501		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6124	0.867	-0.0572		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-II. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 1 DEG - Concluded

(J) RUN=171 ALPHA= 1 DEG MINF=0.835 REC= 7.91E+06  
PT= 4.69 ATM= 68.9 PSIA TT= 260. DEG K= 468. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6330	0.835	-0.0011		0.0000	0.000	0.0000		T 22	0.6326	0.836	-0.0037	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6312	0.838	-0.0082	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6294	0.841	-0.0142	
-0.52	T 2	0.6271	0.844	-0.0203	T 12	0.6272	0.844	-0.0201		T 25	0.6265	0.845	-0.0236	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6152	0.863	-0.0589	T 14	0.6139	0.865	-0.0631		T 27	0.6136	0.865	-0.0654	
0.23	T 5	0.6030	0.882	-0.0983	T 15	0.6033	0.881	-0.0972		T 28	0.6043	0.880	-0.0956	
0.48	T 6	0.5921	0.899	-0.1335	T 16	0.5900	0.902	-0.1405		T 29	0.5926	0.898	-0.1335	
0.73	T 7	0.5823	0.914	-0.1651	T 17	0.5825	0.914	-0.1661		T 30	0.5850	0.910	-0.1581	
0.98	T 8	0.5882	0.905	-0.1463	T 18	0.0000	0.000	0.0000		T 31	0.5889	0.904	-0.1455	
1.23	T 9	0.5991	0.888	-0.1108	T 19	0.5988	0.888	-0.1134		T 32	0.5985	0.889	-0.1142	
1.48	T 10	0.6087	0.873	-0.0798	T 20	0.6074	0.875	-0.0855		T 33	0.6070	0.876	-0.0869	
1.98	T 11	0.6178	0.859	-0.0503	T 21	0.6155	0.862	-0.0593		T 34	0.6159	0.862	-0.0579	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6328	0.836	-0.0032	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 46	0.6247	0.848	-0.0294	
-0.52		0.0000	0.000	0.0000	T 35	0.6252	0.847	-0.0276			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 48	0.6149	0.863	-0.0612	
-0.02		0.0000	0.000	0.0000	T 37	0.6145	0.864	-0.0625			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	T 38	0.6058	0.877	-0.0905			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.5953	0.894	-0.1247		T 50	0.6000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.5879	0.905	-0.1485		T 51	0.6000	0.000	0.0000	
0.98		0.0000	0.000	0.0000	T 41	0.5901	0.902	-0.1414		T 52	0.6000	0.000	0.0000	
1.23		0.0000	0.000	0.0000	T 42	0.5983	0.889	-0.1149		T 53	0.6000	0.000	0.0000	
1.48		0.0000	0.000	0.0000	T 43	0.6064	0.877	-0.0888		T 54	0.6000	0.000	0.0000	
1.98		0.0000	0.000	0.0000	T 44	0.6152	0.863	-0.0601			0.0000	0.000	0.0000	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6339	0.834	0.0020		0.0000	0.000	0.0000		B 22	0.6333	0.835	0.0002	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6324	0.836	-0.0027	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6316	0.837	-0.0053	
-0.52	B 2	0.6285	0.842	-0.0155	B 12	0.6281	0.843	-0.0167		B 25	0.6270	0.845	-0.0202	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6178	0.859	-0.0502	B 14	0.6176	0.859	-0.0506		B 27	0.6183	0.858	-0.0485	
0.23	B 5	0.6077	0.874	-0.0826	B 15	0.6069	0.876	-0.0854		B 28	0.6088	0.873	-0.0790	
0.48	B 6	0.5969	0.891	-0.1176	B 16	0.5964	0.892	-0.1194		B 29	0.5987	0.888	-0.1120	
0.73	B 7	0.5859	0.908	-0.1531	B 17	0.5897	0.902	-0.1409		B 30	0.5903	0.902	-0.1391	
0.98	B 8	0.5924	0.898	-0.1323	B 18	0.5922	0.899	-0.1330		B 31	0.5931	0.897	-0.1301	
1.23	B 9	0.6009	0.885	-0.1047	B 19	0.6011	0.885	-0.1041		B 32	0.6007	0.885	-0.1053	
1.48	B 10	0.6100	0.871	-0.0752	B 20	0.6085	0.873	-0.0801		B 33	0.6082	0.874	-0.0811	
1.98	B 11	0.6173	0.860	-0.0517	B 21	0.6166	0.861	-0.0539		B 34	0.6147	0.864	-0.0602	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6331	0.835	-0.0010	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 46	0.6258	0.846	-0.0246	
-0.52		0.0000	0.000	0.0000	B 35	0.6275	0.844	-0.0188			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 48	0.6000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6195	0.856	-0.0447			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	B 38	0.6098	0.871	-0.0759			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6000	0.886	-0.1081			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.5929	0.897	-0.1311		B 50	0.5963	0.892	-0.1200	
0.98		0.0000	0.000	0.0000	B 41	0.5936	0.896	-0.1287		B 51	0.5946	0.895	-0.1255	
1.23		0.0000	0.000	0.0000	B 42	0.6005	0.886	-0.1064		B 52	0.6010	0.885	-0.1048	
1.48		0.0000	0.000	0.0000	B 43	0.6083	0.874	-0.0813		B 53	0.6079	0.874	-0.0826	
1.98		0.0000	0.000	0.0000	B 44	0.6156	0.862	-0.0577		B 54	0.6143	0.864	-0.0619	
3.98	B 55	0.6186	0.858	-0.0480		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6155	0.862	-0.0580		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-III. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG

(A) RUN= 51 ALPHA= 2 DEG MINF=0.500 REC= 6.05E+06  
PT= 4.77 ATM= 70.2 PSIA TT= 251. DEG K= 451. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.8419	0.502	-0.0098		0.0000	0.000	0.0000	T 22	0.8423	0.501	-0.0063		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.8417	0.502	-0.0100		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.8409	0.504	-0.0156		
-0.52	T 2	0.8402	0.505	-0.0215	T 12	0.8406	0.504	-0.0192	T 25	0.8405	0.505	-0.0187		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	T 4	0.8393	0.507	-0.0280	T 14	0.8385	0.508	-0.0334	T 27	0.8393	0.507	-0.0264		
0.23	T 5	0.8381	0.509	-0.0361	T 15	0.8376	0.510	-0.0390	T 28	0.8386	0.508	-0.0316		
0.48	T 6	0.8383	0.508	-0.0345	T 16	0.8376	0.510	-0.0394	T 29	0.8379	0.509	-0.0357		
0.73	T 7	0.8374	0.510	-0.0407	T 17	0.8374	0.510	-0.0393	T 30	0.8380	0.509	-0.0351		
0.98	T 8	0.8375	0.510	-0.0397	T 18	0.8375	0.510	-0.0385	T 31	0.8381	0.509	-0.0349		
1.23	T 9	0.8382	0.509	-0.0353	T 19	0.8383	0.508	-0.0336	T 32	0.8389	0.507	-0.0290		
1.48	T 10	0.8393	0.507	-0.0278	T 20	0.8387	0.508	-0.0308	T 33	0.8397	0.506	-0.0241		
1.98	T 11	0.8401	0.505	-0.0220	T 21	0.8402	0.505	-0.0204	T 34	0.8398	0.506	-0.0228		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.8422	0.501	-0.0067		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.8406	0.504	-0.0175	T 46	0.8405	0.505	-0.0185		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.8395	0.506	-0.0253	T 48	0.8394	0.506	-0.0256		
0.23		0.0000	0.000	0.0000	T 38	0.8388	0.508	-0.0300		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.8384	0.508	-0.0324		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.8384	0.508	-0.0324	T 50	0.8394	0.506	-0.0258		
0.98		0.0000	0.000	0.0000	T 41	0.8386	0.508	-0.0316	T 51	0.8393	0.507	-0.0266		
1.23		0.0000	0.000	0.0000	T 42	0.8388	0.507	-0.0298	T 52	0.8394	0.506	-0.0260		
1.48		0.0000	0.000	0.0000	T 43	0.8391	0.507	-0.0278	T 53	0.8395	0.506	-0.0252		
1.98		0.0000	0.000	0.0000	T 44	0.8400	0.505	-0.0217	T 54	0.8400	0.505	-0.0221		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.8405	0.505	-0.0183		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.8426	0.501	-0.0038		0.0000	0.000	0.0000	B 22	0.8424	0.501	-0.0052		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.8430	0.500	-0.0010		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.8423	0.501	-0.0061		
-0.52	B 2	0.8420	0.502	-0.0076	B 12	0.8422	0.501	-0.0065	B 25	0.8426	0.501	-0.0038		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	B 4	0.8418	0.502	-0.0095	B 14	0.8413	0.503	-0.0129	B 27	0.8411	0.503	-0.0140		
0.23	B 5	0.8412	0.503	-0.0134	B 15	0.8414	0.503	-0.0119	B 28	0.8413	0.503	-0.0125		
0.48	B 6	0.8416	0.503	-0.0107	B 16	0.8412	0.503	-0.0134	B 29	0.8410	0.504	-0.0149		
0.73	B 7	0.8407	0.504	-0.0169	B 17	0.8408	0.504	-0.0162	B 30	0.8406	0.504	-0.0173		
0.98	B 8	0.8409	0.504	-0.0154	B 18	0.8397	0.506	-0.0234	B 31	0.8405	0.504	-0.0179		
1.23	B 9	0.0000	0.000	0.0000	B 19	0.8407	0.504	-0.0165	B 32	0.8406	0.504	-0.0172		
1.48	B 10	0.8411	0.503	-0.0138	B 20	0.8400	0.505	-0.0213	B 33	0.8408	0.504	-0.0157		
1.98	B 11	0.8418	0.502	-0.0091	B 21	0.8412	0.503	-0.0135	B 34	0.8412	0.503	-0.0136		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B= .833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.8431	0.500	-0.0015		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.8420	0.502	-0.0078	B 46	0.8427	0.500	-0.0039		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.8413	0.503	-0.0128	B 48	0.8418	0.502	-0.0101		
0.23		0.0000	0.000	0.0000	B 38	0.8407	0.504	-0.0166		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.8410	0.504	-0.0158		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.8403	0.505	-0.0206	B 50	0.8404	0.505	-0.0197		
0.98		0.0000	0.000	0.0000	B 41	0.8404	0.505	-0.0196	B 51	0.8400	0.505	-0.0228		
1.23		0.0000	0.000	0.0000	B 42	0.8410	0.504	-0.0159	B 52	0.8402	0.505	-0.0211		
1.48		0.0000	0.000	0.0000	B 43	0.8407	0.504	-0.0178	B 53	0.8408	0.504	-0.0172		
1.98		0.0000	0.000	0.0000	B 44	0.8413	0.503	-0.0138	B 54	0.8408	0.504	-0.0172		
3.98	B 55	0.8405	0.504	-0.0188		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.8410	0.504	-0.0160		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-III. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG - Concluded

(B) RUN= 52 ALPHA= 2 DEG MINF=0.602 REC= 6.07E+06  
PT= 4.16 ATM= 61.2 PSIA TT= 251. DEG K= 451. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.7823	0.602	-0.0015		0.0000	0.000	0.0000		T 22	0.7820	0.603	-0.0049	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.7822	0.603	-0.0039	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.7810	0.605	-0.0100	
-0.52	T 2	0.7793	0.608	-0.0176	T 12	0.7791	0.608	-0.0188		T 25	0.7790	0.608	-0.0200	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.7769	0.612	-0.0301	T 14	0.7761	0.613	-0.0340		T 27	0.7778	0.610	-0.0264	
0.23	T 5	0.7756	0.614	-0.0364	T 15	0.7747	0.615	-0.0408		T 28	0.7764	0.612	-0.0333	
0.48	T 6	0.7758	0.613	-0.0354	T 16	0.7749	0.615	-0.0400		T 29	0.7760	0.613	-0.0355	
0.73	T 7	0.7745	0.615	-0.0421	T 17	0.7750	0.615	-0.0405		T 30	0.7756	0.614	-0.0375	
0.98	T 8	0.7749	0.615	-0.0399	T 18	0.7752	0.614	-0.0397		T 31	0.7759	0.613	-0.0357	
1.23	T 9	0.7762	0.613	-0.0335	T 19	0.7756	0.614	-0.0376		T 32	0.7767	0.612	-0.0321	
1.48	T 10	0.7772	0.611	-0.0282	T 20	0.7774	0.611	-0.0284		T 33	0.7780	0.610	-0.0255	
1.98	T 11	0.7798	0.607	-0.0153	T 21	0.7793	0.608	-0.0188		T 34	0.7792	0.608	-0.0191	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.7829	0.602	-0.0007	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.7799	0.607	-0.0156		T 46	0.7802	0.606	-0.0144	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.7780	0.610	-0.0254		T 48	0.7782	0.609	-0.0244	
0.23		0.0000	0.000	0.0000	T 38	0.7772	0.611	-0.0295			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.7766	0.612	-0.0325			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.7762	0.613	-0.0345		T 50	0.7771	0.611	-0.0300	
0.98		0.0000	0.000	0.0000	T 41	0.7765	0.612	-0.0331		T 51	0.7769	0.612	-0.0309	
1.23		0.0000	0.000	0.0000	T 42	0.7770	0.611	-0.0304		T 52	0.7775	0.610	-0.0277	
1.48		0.0000	0.000	0.0000	T 43	0.7777	0.610	-0.0269		T 53	0.7782	0.609	-0.0246	
1.98		0.0000	0.000	0.0000	T 44	0.7793	0.608	-0.0189		T 54	0.7793	0.608	-0.0190	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.7787	0.609	-0.0230		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.7838	0.600	0.0024		0.0000	0.000	0.0000		B 22	0.7838	0.600	0.0026	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.7837	0.601	0.0019	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.7830	0.602	-0.0013	
-0.52	B 2	0.7827	0.602	-0.0030	B 12	0.7830	0.602	-0.0015		B 25	0.7840	0.600	0.0034	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.7821	0.603	-0.0060	B 14	0.7813	0.604	-0.0101		B 27	0.7817	0.604	-0.0081	
0.23	B 5	0.7809	0.605	-0.0123	B 15	0.7809	0.605	-0.0122		B 28	0.7813	0.604	-0.0100	
0.48	B 6	0.7810	0.605	-0.0117	B 16	0.7801	0.606	-0.0158		B 29	0.7806	0.606	-0.0135	
0.73	B 7	0.7796	0.607	-0.0185	B 17	0.7801	0.606	-0.0160		B 30	0.7802	0.606	-0.0156	
0.98	B 8	0.7800	0.606	-0.0165	B 18	0.7792	0.608	-0.0206		B 31	0.7796	0.607	-0.0185	
1.23	B 9	0.0000	0.000	0.0000	B 19	0.7798	0.607	-0.0175		B 32	0.7799	0.607	-0.0169	
1.48	B 10	0.7804	0.606	-0.0147	B 20	0.7797	0.607	-0.0182		B 33	0.7805	0.606	-0.0141	
1.98	B 11	0.7810	0.605	-0.0113	B 21	0.7806	0.605	-0.0133		B 34	0.7810	0.605	-0.0117	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.7839	0.600	0.0048	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.7825	0.602	-0.0038		B 46	0.7828	0.602	-0.0010	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.7811	0.605	-0.0110		B 48	0.7816	0.604	-0.0072	
0.23		0.0000	0.000	0.0000	B 38	0.7806	0.605	-0.0134			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.7807	0.605	-0.0115			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.7803	0.606	-0.0135		B 50	0.7795	0.607	-0.0177	
0.98		0.0000	0.000	0.0000	B 41	0.7793	0.608	-0.0185		B 51	0.7789	0.608	-0.0204	
1.23		0.0000	0.000	0.0000	B 42	0.7795	0.607	-0.0175		B 52	0.7798	0.607	-0.0158	
1.48		0.0000	0.000	0.0000	B 43	0.7802	0.606	-0.0139		B 53	0.7802	0.606	-0.0137	
1.98		0.0000	0.000	0.0000	B 44	0.7814	0.604	-0.0078		B 54	0.7802	0.606	-0.0133	
3.98	B 55	0.7813	0.604	-0.0082		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.7789	0.608	-0.0205		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-III. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG - Continued

(C) RUN= 53 ALPHA= 2 DEG MINF=0.695 REC= 6.02E+06  
PT= 3.82 ATM= 56.1 PSIA TT= 254. DEG K= 457. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.7236	0.696	-0.0028		0.0000	0.000	0.0000	T 22	0.7237	0.696	-0.0012		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.7230	0.697	-0.0040		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.7211	0.700	-0.0117		
-0.52	T 2	0.7192	0.703	-0.0208	T 12	0.7193	0.703	-0.0205	T 25	0.7192	0.703	-0.0194		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	T 4	0.7148	0.710	-0.0390	T 14	0.7144	0.710	-0.0405	T 27	0.7162	0.707	-0.0317		
0.23	T 5	0.7127	0.713	-0.0475	T 15	0.7120	0.714	-0.0502	T 28	0.7134	0.712	-0.0432		
0.48	T 6	0.7119	0.714	-0.0509	T 16	0.7111	0.715	-0.0539	T 29	0.7122	0.714	-0.0482		
0.73	T 7	0.7104	0.716	-0.0567	T 17	0.7106	0.716	-0.0545	T 30	0.7117	0.714	-0.0502		
0.98	T 8	0.7112	0.715	-0.0537	T 18	0.7114	0.715	-0.0513	T 31	0.7123	0.713	-0.0477		
1.23	T 9	0.7134	0.712	-0.0448	T 19	0.7135	0.712	-0.0430	T 32	0.7135	0.712	-0.0430		
1.48	T 10	0.7152	0.709	-0.0371	T 20	0.7149	0.709	-0.0373	T 33	0.7157	0.708	-0.0338		
1.98	T 11	0.7185	0.704	-0.0237	T 21	0.7182	0.704	-0.0235	T 34	0.7182	0.704	-0.0237		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.7237	0.696	-0.0011		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.7194	0.702	-0.0187	T 46	0.7200	0.701	-0.0163		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.7161	0.707	-0.0322	T 48	0.7162	0.707	-0.0317		
0.23		0.0000	0.000	0.0000	T 38	0.7145	0.710	-0.0387		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.7132	0.712	-0.0441		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.7126	0.713	-0.0464	T 50	0.7138	0.711	-0.0418		
0.98		0.0000	0.000	0.0000	T 41	0.7131	0.712	-0.0446	T 51	0.7135	0.711	-0.0428		
1.23		0.0000	0.000	0.0000	T 42	0.7139	0.711	-0.0413	T 52	0.7142	0.710	-0.0399		
1.48		0.0000	0.000	0.0000	T 43	0.7155	0.708	-0.0346	T 53	0.7160	0.708	-0.0325		
1.98		0.0000	0.000	0.0000	T 44	0.7183	0.704	-0.0234	T 54	0.7183	0.704	-0.0231		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.7173	0.706	-0.0276		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.7255	0.693	0.0060		0.0000	0.000	0.0000	B 22	0.7253	0.693	0.0051		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.7253	0.693	0.0051		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.7243	0.695	0.0010		
-0.52	B 2	0.7234	0.696	-0.0026	B 12	0.7238	0.696	-0.0010	B 25	0.7246	0.694	0.0023		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	B 4	0.7218	0.699	-0.0089	B 14	0.7215	0.699	-0.0102	B 27	0.7215	0.699	-0.0104		
0.23	B 5	0.7204	0.701	-0.0147	B 15	0.0000	0.000	0.0000	B 28	0.7203	0.701	-0.0152		
0.48	B 6	0.7205	0.701	-0.0144	B 16	0.7192	0.703	-0.0198	B 29	0.7194	0.702	-0.0188		
0.73	B 7	0.7179	0.705	-0.0249	B 17	0.7184	0.704	-0.0229	B 30	0.7184	0.704	-0.0229		
0.98	B 8	0.7183	0.704	-0.0233	B 18	0.7173	0.706	-0.0274	B 31	0.7181	0.704	-0.0242		
1.23	B 9	0.0000	0.000	0.0000	B 19	0.7182	0.704	-0.0237	B 32	0.7185	0.704	-0.0226		
1.48	B 10	0.7202	0.701	-0.0157	B 20	0.7184	0.704	-0.0229	B 33	0.7193	0.702	-0.0191		
1.98	B 11	0.7207	0.700	-0.0137	B 21	0.7211	0.700	-0.0119	B 34	0.7208	0.700	-0.0130		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.7243	0.695	-0.0005		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.7234	0.696	-0.0027	B 46	0.7221	0.698	-0.0096		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.7212	0.700	-0.0115	B 48	0.7213	0.699	-0.0128		
0.23		0.0000	0.000	0.0000	B 38	0.7204	0.701	-0.0146		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.7187	0.703	-0.0235		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.7176	0.705	-0.0278	B 50	0.7182	0.704	-0.0255		
0.98		0.0000	0.000	0.0000	B 41	0.7174	0.705	-0.0285	B 51	0.7168	0.706	-0.0313		
1.23		0.0000	0.000	0.0000	B 42	0.7184	0.704	-0.0245	B 52	0.7172	0.706	-0.0293		
1.48		0.0000	0.000	0.0000	B 43	0.7186	0.704	-0.0237	B 53	0.7180	0.705	-0.0261		
1.98		0.0000	0.000	0.0000	B 44	0.7197	0.702	-0.0194	B 54	0.7191	0.703	-0.0218		
3.98	B 55	0.7197	0.702	-0.0192		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.7161	0.707	-0.0340		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-III. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG — Continued

(D) RUN=189 ALPHA= 2 DEG MINF=0.796 REC= 8.03E+06  
PT= 4.86 ATM= 71.5 PSIA TT= 260. DEG K= 468. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.6583	0.797	-0.0005		0.0000	0.000	0.0000	T 22	0.6580	0.797	-0.0016		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.6574	0.798	-0.0037		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.6552	0.801	-0.0111		
-0.52	T 2	0.6521	0.806	-0.0217	T 12	0.6519	0.806	-0.0222	T 25	0.6516	0.807	-0.0236		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	T 4	0.6424	0.821	-0.0548	T 14	0.6425	0.821	-0.0546	T 27	0.6436	0.819	-0.0508		
0.23	T 5	0.6358	0.831	-0.0773	T 15	0.6363	0.830	-0.0756	T 28	0.6374	0.829	-0.0722		
0.48	T 6	0.6315	0.838	-0.0921	T 16	0.6314	0.838	-0.0923	T 29	0.6327	0.836	-0.0881		
0.73	T 7	0.6298	0.840	-0.0979	T 17	0.6299	0.840	-0.0978	T 30	0.6315	0.838	-0.0924		
0.98	T 8	0.6327	0.836	-0.0881	T 18	0.6329	0.836	-0.0876	T 31	0.6341	0.834	-0.0834		
1.23	T 9	0.6381	0.828	-0.0695	T 19	0.6383	0.827	-0.0691	T 32	0.6389	0.826	-0.0669		
1.48	T 10	0.6429	0.820	-0.0529	T 20	0.6433	0.820	-0.0519	T 33	0.6432	0.820	-0.0523		
1.98	T 11	0.6494	0.810	-0.0369	T 21	0.6491	0.811	-0.0321	T 34	0.6487	0.811	-0.0334		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.6583	0.796	-0.0006		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.6514	0.807	-0.0240	T 46	0.6515	0.807	-0.0239		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.6437	0.819	-0.0504	T 48	0.6447	0.817	-0.0472		
0.23		0.0000	0.000	0.0000	T 38	0.6390	0.826	-0.0665		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.6348	0.833	-0.0809		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.6331	0.835	-0.0868	T 50	0.6367	0.830	-0.0746		
0.98		0.0000	0.000	0.0000	T 41	0.6348	0.833	-0.0810	T 51	0.6364	0.830	-0.0755		
1.23		0.0000	0.000	0.0000	T 42	0.6384	0.827	-0.0688	T 52	0.6394	0.826	-0.0653		
1.48		0.0000	0.000	0.0000	T 43	0.6427	0.820	-0.0540	T 53	0.6430	0.820	-0.0529		
1.98		0.0000	0.000	0.0000	T 44	0.6483	0.812	-0.0349	T 54	0.6482	0.812	-0.0352		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.6599	0.794	0.0043		0.0000	0.000	0.0000	B 22	0.6592	0.795	0.0023		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.6589	0.796	0.0011		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.6586	0.796	0.0000		
-0.52	B 2	0.6574	0.798	-0.0041	B 12	0.6571	0.798	-0.0050	B 25	0.6574	0.798	-0.0040		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	B 4	0.6527	0.805	-0.0202	B 14	0.6522	0.806	-0.0219	B 27	0.6518	0.806	-0.0230		
0.23	B 5	0.6488	0.811	-0.0334	B 15	0.6483	0.812	-0.0350	B 28	0.6484	0.812	-0.0349		
0.48	B 6	0.6456	0.816	-0.0444	B 16	0.6452	0.817	-0.0457	B 29	0.6451	0.817	-0.0462		
0.73	B 7	0.6425	0.821	-0.0551	B 17	0.6434	0.819	-0.0519	B 30	0.6435	0.819	-0.0514		
0.98	B 8	0.6439	0.819	-0.0503	B 18	0.6430	0.820	-0.0531	B 31	0.6433	0.820	-0.0523		
1.23	B 9	0.6465	0.815	-0.0414	B 19	0.6463	0.815	-0.0419	B 32	0.6451	0.817	-0.0460		
1.48	B 10	0.6485	0.812	-0.0344	B 20	0.6477	0.813	-0.0370	B 33	0.6476	0.813	-0.0376		
1.98	B 11	0.6519	0.806	-0.0230	B 21	0.6510	0.808	-0.0260	B 34	0.6502	0.809	-0.0286		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.6595	0.795	0.0031		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.6565	0.799	-0.0071	B 46	0.6554	0.801	-0.0108		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.6506	0.808	-0.0274	B 48	0.6504	0.809	-0.0282		
0.23		0.0000	0.000	0.0000	B 38	0.6481	0.812	-0.0357		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.6455	0.816	-0.0450		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.6433	0.820	-0.0525	B 50	0.6436	0.819	-0.0512		
0.98		0.0000	0.000	0.0000	B 41	0.6437	0.819	-0.0511	B 51	0.6423	0.821	-0.0557		
1.23		0.0000	0.000	0.0000	B 42	0.6449	0.817	-0.0467	B 52	0.6441	0.818	-0.0495		
1.48		0.0000	0.000	0.0000	B 43	0.6476	0.813	-0.0376	B 53	0.6469	0.814	-0.0401		
1.98		0.0000	0.000	0.0000	B 44	0.6512	0.807	-0.0254	B 54	0.6496	0.810	-0.0308		
3.98	B 55	0.6514	0.807	-0.0248		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.6498	0.810	-0.0302		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-III. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG — Continued

(E) RUN=191 ALPHA= 2 DEG MINF=0.806 REC= 7.91E+06  
PT= 4.73 ATM= 69.5 PSIA TT= 258. DEG K= 465. DEG R

## (1) TOP WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6520	0.806	-0.0009		0.0000	0.000	0.0000		T 22	0.6520	0.806	-0.0010	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6509	0.808	-0.0048	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6489	0.811	-0.0116	
-0.52	T 2	0.6454	0.816	-0.0231	T 12	0.6454	0.816	-0.0230		T 25	0.6453	0.816	-0.0237	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 26	0.0000	0.000	0.0000	
-0.02	T 4	0.6351	0.832	-0.0579	T 14	0.6346	0.833	-0.0594		T 27	0.6358	0.831	-0.0560	
0.23	T 5	0.6269	0.845	-0.0857	T 15	0.6272	0.844	-0.0845		T 28	0.6289	0.842	-0.0791	
0.48	T 6	0.6217	0.853	-0.1032	T 16	0.6209	0.854	-0.1059		T 29	0.6229	0.851	-0.0993	
0.73	T 7	0.6190	0.857	-0.1120	T 17	0.6195	0.856	-0.1108		T 30	0.6211	0.854	-0.1056	
0.98	T 8	0.6225	0.852	-0.1005	T 18	0.6228	0.851	-0.0996		T 31	0.6240	0.849	-0.0956	
1.23	T 9	0.6289	0.842	-0.0788	T 19	0.6293	0.841	-0.0778		T 32	0.6294	0.841	-0.0773	
1.48	T 10	0.6351	0.832	-0.0580	T 20	0.6345	0.833	-0.0603		T 33	0.6350	0.832	-0.0587	
1.98	T 11	0.6419	0.822	-0.0348	T 21	0.6411	0.823	-0.0380		T 34	0.6409	0.823	-0.0387	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B= 1.000					2Y/B= 1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6518	0.807	-0.0019	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6446	0.818	-0.0262		T 46	0.6448	0.817	-0.0256	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6360	0.831	-0.0553		T 48	0.6372	0.829	-0.0512	
0.23		0.0000	0.000	0.0000	T 38	0.6307	0.839	-0.0731			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6253	0.847	-0.0911			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.6230	0.851	-0.0990		T 50	0.6267	0.845	-0.0866	
0.98		0.0000	0.000	0.0000	T 41	0.6249	0.848	-0.0925		T 51	0.6270	0.845	-0.0856	
1.23		0.0000	0.000	0.0000	T 42	0.6288	0.842	-0.0795		T 52	0.6305	0.839	-0.0737	
1.48		0.0000	0.000	0.0000	T 43	0.6342	0.834	-0.0612		T 53	0.6344	0.833	-0.0606	
1.98		0.0000	0.000	0.0000	T 44	0.6409	0.823	-0.0388		T 54	0.6402	0.824	-0.0408	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6535	0.804	0.0038		0.0000	0.000	0.0000		B 22	0.6530	0.805	0.0023	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6523	0.806	-0.0002	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6518	0.807	-0.0019	
-0.52	B 2	0.6507	0.808	-0.0056	B 12	0.6500	0.809	-0.0079		B 25	0.6504	0.809	-0.0064	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6447	0.817	-0.0257	B 14	0.6441	0.818	-0.0279		B 27	0.6442	0.818	-0.0276	
0.23	B 5	0.6401	0.824	-0.0412	B 15	0.6392	0.826	-0.0442		B 28	0.6397	0.825	-0.0428	
0.48	B 6	0.6364	0.830	-0.0538	B 16	0.6353	0.832	-0.0575		B 29	0.6360	0.831	-0.0552	
0.73	B 7	0.6323	0.836	-0.0675	B 17	0.6336	0.834	-0.0631		B 30	0.6331	0.835	-0.0649	
0.98	B 8	0.6341	0.834	-0.0615	B 18	0.6333	0.835	-0.0643		B 31	0.6340	0.834	-0.0617	
1.23	B 9	0.6376	0.828	-0.0497	B 19	0.6367	0.830	-0.0527		B 32	0.6362	0.830	-0.0544	
1.48	B 10	0.6400	0.825	-0.0418	B 20	0.6388	0.826	-0.0457		B 33	0.6393	0.826	-0.0439	
1.98	B 11	0.6441	0.818	-0.0277	B 21	0.6432	0.820	-0.0307		B 34	0.6429	0.820	-0.0319	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B= 1.000					2Y/B= 1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6533	0.804	0.0038	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6494	0.810	-0.0100		B 46	0.6485	0.811	-0.0124	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6439	0.819	-0.0286		B 48	0.6443	0.818	-0.0267	
0.23		0.0000	0.000	0.0000	B 38	0.6399	0.825	-0.0418			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6368	0.829	-0.0519			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6340	0.834	-0.0614		B 50	0.6352	0.832	-0.0573	
0.98		0.0000	0.000	0.0000	B 41	0.6343	0.833	-0.0604		B 51	0.6335	0.835	-0.0632	
1.23		0.0000	0.000	0.0000	B 42	0.6364	0.830	-0.0532		B 52	0.6358	0.831	-0.0553	
1.48		0.0000	0.000	0.0000	B 43	0.6392	0.826	-0.0440		B 53	0.6389	0.826	-0.0450	
1.98		0.0000	0.000	0.0000	B 44	0.6426	0.821	-0.0325		B 54	0.6426	0.821	-0.0323	
3.98	B 55	0.6441	0.818	-0.0274		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6421	0.821	-0.0342		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-III. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG — Continued

(F) RUN= 55 ALPHA= 2 DEG MINF=0.818 REC= 2.08E+06  
PT= 1.22 ATM= 18.0 PSIA TT= 256. DEG K= 462. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6423	0.321	-0.0068		0.0000	0.000	0.0000		T 22	0.6432	0.820	-0.0043	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6423	0.821	-0.0071	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6389	0.826	-0.0184	
-0.52	T 2	0.6336	0.834	-0.0355	T 12	0.6329	0.836	-0.0380		T 25	0.6342	0.834	-0.0341	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6207	0.854	-0.0782	T 14	0.6214	0.853	-0.0761		T 27	0.6238	0.850	-0.0688	
0.23	T 5	0.6103	0.870	-0.1128	T 15	0.6119	0.868	-0.1076		T 28	0.6143	0.864	-0.1002	
0.48	T 6	0.6018	0.884	-0.1409	T 16	0.6018	0.884	-0.1410		T 29	0.6055	0.878	-0.1294	
0.73	T 7	0.5972	0.891	-0.1561	T 17	0.5995	0.887	-0.1490		T 30	0.6012	0.885	-0.1435	
0.98	T 8	0.6026	0.882	-0.1384	T 18	0.6040	0.880	-0.1344		T 31	0.6050	0.879	-0.1310	
1.23	T 9	0.6109	0.869	-0.1108	T 19	0.6117	0.868	-0.1086		T 32	0.6131	0.866	-0.1039	
1.48	T 10	0.6185	0.858	-0.0857	T 20	0.6192	0.857	-0.0839		T 33	0.6197	0.856	-0.0824	
1.98	T 11	0.6271	0.845	-0.0572	T 21	0.6271	0.844	-0.0577		T 34	0.6265	0.845	-0.0597	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6433	0.820	-0.0041	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6335	0.835	-0.0364		T 46	0.6337	0.834	-0.0358	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6233	0.850	-0.0703		T 48	0.6235	0.850	-0.0696	
0.23		0.0000	0.000	0.0000	T 38	0.6161	0.861	-0.0941			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6084	0.873	-0.1198			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.6044	0.880	-0.1329		T 50	0.6091	0.872	-0.1174	
0.98		0.0000	0.000	0.0000	T 41	0.6068	0.876	-0.1248		T 51	0.6068	0.876	-0.1250	
1.23		0.0000	0.000	0.0000	T 42	0.6000	0.000	0.0000		T 52	0.6117	0.868	-0.1086	
1.48		0.0000	0.000	0.0000	T 43	0.6192	0.857	-0.0837		T 53	0.6193	0.856	-0.0834	
1.98		0.0000	0.000	0.0000	T 44	0.6265	0.845	-0.0596		T 54	0.6260	0.846	-0.0613	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.6234	0.850	-0.0698		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6447	0.817	0.0008		0.0000	0.000	0.0000		B 22	0.6434	0.819	-0.0037	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6435	0.819	-0.0033	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6419	0.822	-0.0085	
-0.52	B 2	0.6387	0.827	-0.0192	B 12	0.6404	0.824	-0.0136		B 25	0.6406	0.824	-0.0130	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6332	0.835	-0.0376	B 14	0.6328	0.836	-0.0389		B 27	0.0000	0.000	0.0000	
0.23	B 5	0.6276	0.844	-0.0562	B 15	0.6267	0.845	-0.0590		B 28	0.6275	0.844	-0.0564	
0.48	B 6	0.6224	0.852	-0.0731	B 16	0.6225	0.852	-0.0729		B 29	0.6230	0.851	-0.0712	
0.73	B 7	0.6185	0.858	-0.0862	B 17	0.6186	0.858	-0.0860		B 30	0.6185	0.858	-0.0862	
0.98	B 8	0.6198	0.856	-0.0817	B 18	0.6187	0.857	-0.0854		B 31	0.6190	0.857	-0.0844	
1.23	B 9	0.6227	0.851	-0.0724	B 19	0.6220	0.852	-0.0746		B 32	0.6222	0.852	-0.0739	
1.48	B 10	0.6273	0.844	-0.0570	B 20	0.6253	0.847	-0.0637		B 33	0.6256	0.847	-0.0627	
1.98	B 11	0.6305	0.839	-0.0463	B 21	0.6280	0.843	-0.0548		B 34	0.6282	0.843	-0.0539	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6437	0.819	-0.0034	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6390	0.826	-0.0182		B 46	0.6366	0.830	-0.0267	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6330	0.835	-0.0381		B 48	0.6308	0.839	-0.0461	
0.23		0.0000	0.000	0.0000	B 38	0.6276	0.844	-0.0560			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6225	0.852	-0.0735			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6188	0.857	-0.0860		B 50	0.6185	0.858	-0.0870	
0.98		0.0000	0.000	0.0000	B 41	0.6197	0.856	-0.0827		B 51	0.6169	0.860	-0.0921	
1.23		0.0000	0.000	0.0000	B 42	0.6211	0.854	-0.0782		B 52	0.6219	0.853	-0.0757	
1.48		0.0000	0.000	0.0000	B 43	0.6256	0.847	-0.0635		B 53	0.6243	0.849	-0.0678	
1.98		0.0000	0.000	0.0000	B 44	0.6284	0.842	-0.0540		B 54	0.6280	0.843	-0.0554	
3.98	B 55	0.6261	0.846	-0.0613		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6196	0.856	-0.0834		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-III. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG - Continued

(G) RUN= 56 ALPHA= 2 DEG MINF=0.816 REC= 3.85E+06  
PT= 2.24 ATM= 33.0 PSIA TT= 254. DEG K= 458. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6439	0.819	-0.0062		0.0000	0.000	0.0000		T 22	0.6436	0.819	-0.0064	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6432	0.820	-0.0078	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6402	0.824	-0.0177	
-0.52	T 2	0.6363	0.830	-0.0313	T 12	0.6361	0.831	-0.0318		T 25	0.6358	0.831	-0.0322	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6237	0.850	-0.0731	T 14	0.6233	0.850	-0.0746		T 27	0.6248	0.848	-0.0688	
0.23	T 5	0.6138	0.865	-0.1062	T 15	0.6147	0.864	-0.1032		T 28	0.6169	0.860	-0.0951	
0.48	T 6	0.6060	0.877	-0.1319	T 16	0.6059	0.877	-0.1324		T 29	0.6088	0.873	-0.1221	
0.73	T 7	0.6023	0.883	-0.1444	T 17	0.6019	0.883	-0.1450		T 30	0.6056	0.878	-0.1326	
0.98	T 8	0.6071	0.875	-0.1283	T 18	0.6083	0.874	-0.1237		T 31	0.6092	0.872	-0.1207	
1.23	T 9	0.6155	0.862	-0.1003	T 19	0.6156	0.862	-0.0994		T 32	0.6159	0.862	-0.0983	
1.48	T 10	0.6222	0.852	-0.0782	T 20	0.6226	0.851	-0.0763		T 33	0.6231	0.851	-0.0744	
1.98	T 11	0.6308	0.839	-0.0497	T 21	0.6303	0.840	-0.0506		T 34	0.6301	0.849	-0.0512	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6442	0.818	-0.0044	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 46	0.6356	0.831	-0.0331	
-0.52		0.0000	0.000	0.0000	T 35	0.6353	0.832	-0.0339			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 48	0.6259	0.846	-0.0652	
-0.02		0.0000	0.000	0.0000	T 37	0.6255	0.847	-0.0664			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	T 38	0.6188	0.857	-0.0888			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6117	0.868	-0.1123		T 50	0.6121	0.868	-0.1109	
0.73		0.0000	0.000	0.0000	T 40	0.6080	0.874	-0.1245		T 51	0.6128	0.867	-0.1087	
0.98		0.0000	0.000	0.0000	T 41	0.6104	0.870	-0.1167		T 52	0.6174	0.859	-0.0935	
1.23		0.0000	0.000	0.0000	T 42	0.6172	0.860	-0.0940		T 53	0.6223	0.852	-0.0772	
1.48		0.0000	0.000	0.0000	T 43	0.6221	0.852	-0.0777		T 54	0.6292	0.841	-0.0544	
1.98		0.0000	0.000	0.0000	T 44	0.6296	0.841	-0.0528			0.0000	0.000	0.0000	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.6273	0.844	-0.0605		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6457	0.816	0.0007		0.0000	0.000	0.0000		B 22	0.6448	0.817	-0.0025	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6447	0.817	-0.0026	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6435	0.819	-0.0068	
-0.52	B 2	0.6412	0.823	-0.0145	B 12	0.6417	0.822	-0.0126		B 25	0.6425	0.821	-0.0099	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6353	0.832	-0.0340	B 14	0.6349	0.832	-0.0353		B 27	0.6344	0.833	-0.0368	
0.23	B 5	0.6294	0.841	-0.0535	B 15	0.6288	0.842	-0.0556		B 28	0.6293	0.841	-0.0538	
0.48	B 6	0.6247	0.848	-0.0692	B 16	0.6241	0.849	-0.0712		B 29	0.6251	0.848	-0.0678	
0.73	B 7	0.6212	0.854	-0.0808	B 17	0.6222	0.852	-0.0776		B 30	0.6215	0.853	-0.0797	
0.98	B 8	0.6230	0.851	-0.0749	B 18	0.6218	0.853	-0.0789		B 31	0.6226	0.851	-0.0763	
1.23	B 9	0.6257	0.847	-0.0658	B 19	0.6257	0.847	-0.0660		B 32	0.6250	0.848	-0.0683	
1.48	B 10	0.6299	0.840	-0.0519	B 20	0.6283	0.843	-0.0571		B 33	0.6281	0.843	-0.0577	
1.98	B 11	0.6334	0.835	-0.0404	B 21	0.6318	0.837	-0.0457		B 34	0.6322	0.837	-0.0442	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6443	0.818	-0.0028	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 46	0.6392	0.826	-0.0197	
-0.52		0.0000	0.000	0.0000	B 35	0.6403	0.824	-0.0172			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 48	0.6338	0.834	-0.0375	
-0.02		0.0000	0.000	0.0000	B 37	0.6344	0.833	-0.0368			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	B 38	0.6291	0.841	-0.0545			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6251	0.848	-0.0665			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6222	0.852	-0.0762		B 50	0.6218	0.853	-0.0775	
0.98		0.0000	0.000	0.0000	B 41	0.6223	0.852	-0.0759		B 51	0.6216	0.853	-0.0781	
1.23		0.0000	0.000	0.0000	B 42	0.6249	0.848	-0.0672		B 52	0.6240	0.849	-0.0701	
1.48		0.0000	0.000	0.0000	B 43	0.6279	0.843	-0.0571		B 53	0.6280	0.843	-0.0570	
1.98		0.0000	0.000	0.0000	B 44	0.6306	0.839	-0.0484		B 54	0.6310	0.838	-0.0470	
3.98	B 55	0.6323	0.836	-0.0425		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6238	0.850	-0.0709		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-III. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG - Continued

(H) RUN= 57 ALPHA= 2 DEG MINF=0.815 REC= 5.97E+06  
PT= 3.48 ATM= 51.1 PSIA TT= 254. DEG K= 458. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.6454	0.816	-0.0042		0.0000	0.000	0.0000	T 22	0.6455	0.816	-0.0023		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.6434	0.819	-0.0091		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.6421	0.821	-0.0134		
-0.52	T 2	0.6377	0.828	-0.0295	T 12	0.6371	0.829	-0.0318	T 25	0.6362	0.831	-0.0332		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 27	0.0000	0.000	0.0000		
-0.02	T 4	0.6250	0.848	-0.0719	T 14	0.6248	0.848	-0.0725	T 27	0.6280	0.843	-0.0605		
0.23	T 5	0.6152	0.863	-0.1045	T 15	0.6167	0.860	-0.0996	T 28	0.6198	0.856	-0.0878		
0.48	T 6	0.6086	0.873	-0.1267	T 16	0.6077	0.874	-0.1296	T 29	0.6125	0.867	-0.1120		
0.73	T 7	0.6042	0.880	-0.1411	T 17	0.6053	0.878	-0.1358	T 30	0.6096	0.871	-0.1215		
0.98	T 8	0.6098	0.871	-0.1228	T 18	0.6116	0.868	-0.1150	T 31	0.6132	0.866	-0.1096		
1.23	T 9	0.6181	0.858	-0.0949	T 19	0.6194	0.856	-0.0892	T 32	0.6194	0.856	-0.0890		
1.48	T 10	0.6254	0.847	-0.0705	T 20	0.6259	0.846	-0.0673	T 33	0.6259	0.846	-0.0673		
1.98	T 11	0.6338	0.834	-0.0426	T 21	0.6328	0.836	-0.0445	T 34	0.6330	0.835	-0.0438		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.6458	0.816	-0.0013		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.6378	0.828	-0.0278	T 46	0.6379	0.828	-0.0275		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.6280	0.843	-0.0604	T 48	0.6288	0.842	-0.0579		
0.23		0.0000	0.000	0.0000	T 38	0.6217	0.853	-0.0814		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.6153	0.863	-0.1027		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.6122	0.868	-0.1131	T 50	0.6152	0.863	-0.1031		
0.98		0.0000	0.000	0.0000	T 41	0.6145	0.864	-0.1052	T 51	0.6154	0.862	-0.1022		
1.23		0.0000	0.000	0.0000	T 42	0.6186	0.858	-0.0915	T 52	0.6197	0.856	-0.0880		
1.48		0.0000	0.000	0.0000	T 43	0.6256	0.847	-0.0686	T 53	0.6253	0.847	-0.0695		
1.98		0.0000	0.000	0.0000	T 44	0.6323	0.836	-0.0461	T 54	0.6320	0.837	-0.0470		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.6297	0.840	-0.0554		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.6469	0.814	0.0018		0.0000	0.000	0.0000	B 22	0.6468	0.814	0.0014		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.6465	0.815	0.0005		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.6454	0.816	-0.0031		
-0.52	B 2	0.6439	0.819	-0.0081	B 12	0.6442	0.818	-0.0073	B 25	0.6452	0.817	-0.0040		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	B 4	0.6377	0.828	-0.0288	B 14	0.6374	0.829	-0.0300	B 27	0.0000	0.000	0.0000		
0.23	B 5	0.6322	0.837	-0.0472	B 15	0.6321	0.837	-0.0474	B 28	0.6321	0.837	-0.0474		
0.48	B 6	0.6277	0.844	-0.0623	B 16	0.6273	0.844	-0.0634	B 29	0.6276	0.844	-0.0625		
0.73	B 7	0.6242	0.849	-0.0737	B 17	0.6247	0.848	-0.0721	B 30	0.6245	0.849	-0.0729		
0.98	B 8	0.6257	0.847	-0.0689	B 18	0.6248	0.848	-0.0718	B 31	0.6249	0.848	-0.0714		
1.23	B 9	0.6293	0.841	-0.0570	B 19	0.6286	0.842	-0.0593	B 32	0.6282	0.843	-0.0606		
1.48	B 10	0.6324	0.836	-0.0466	B 20	0.6317	0.837	-0.0488	B 33	0.6310	0.838	-0.0511		
1.98	B 11	0.6363	0.830	-0.0337	B 21	0.6354	0.832	-0.0366	B 34	0.6354	0.832	-0.0365		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.6470	0.814	0.0028		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.6427	0.820	-0.0123	B 46	0.6422	0.821	-0.0132		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.6368	0.830	-0.0320	B 48	0.6353	0.832	-0.0361		
0.23		0.0000	0.000	0.0000	B 38	0.6320	0.837	-0.0480		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.6282	0.843	-0.0597		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.6246	0.848	-0.0718	B 50	0.6256	0.847	-0.0684		
0.98		0.0000	0.000	0.0000	B 41	0.6251	0.848	-0.0702	B 51	0.6238	0.849	-0.0743		
1.23		0.0000	0.000	0.0000	B 42	0.6276	0.844	-0.0619	B 52	0.6266	0.845	-0.0650		
1.48		0.0000	0.000	0.0000	B 43	0.6308	0.839	-0.0512	B 53	0.6303	0.839	-0.0526		
1.98		0.0000	0.000	0.0000	B 44	0.6353	0.832	-0.0360	B 54	0.6327	0.836	-0.0447		
3.98	B 55	0.6360	0.831	-0.0337		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.6297	0.841	-0.0549		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-III. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG — Continued

(I) RUN= 58 ALPHA= 2 DEG MINF=0.814 REC= 8.01E+06  
PT= 4.70 ATM= 69.1 PSIA TT= 256. DEG K= 460. DEG R

## (1) TOP WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6460	0.815	-0.0034		0.0000	0.000	0.0000		T 22	0.6464	0.815	-0.0021	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6443	0.818	-0.0091	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6428	0.820	-0.0140	
-0.52	T 2	0.6384	0.827	-0.0288	T 12	0.6384	0.827	-0.0286		T 25	0.6377	0.828	-0.0310	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6256	0.847	-0.0715	T 14	0.6270	0.845	-0.0667		T 27	0.6285	0.842	-0.0617	
0.23	T 5	0.6171	0.860	-0.0999	T 15	0.6174	0.859	-0.0988		T 28	0.6197	0.856	-0.0912	
0.48	T 6	0.6098	0.871	-0.1240	T 16	0.6086	0.873	-0.1279		T 29	0.6124	0.867	-0.1155	
0.73	T 7	0.6056	0.878	-0.1381	T 17	0.6058	0.877	-0.1373		T 30	0.6106	0.870	-0.1215	
0.98	T 8	0.6110	0.869	-0.1202	T 18	0.6110	0.869	-0.1203		T 31	0.6136	0.865	-0.1115	
1.23	T 9	0.6193	0.856	-0.0923	T 19	0.6194	0.856	-0.0920		T 32	0.6204	0.855	-0.0887	
1.48	T 10	0.6264	0.846	-0.0688	T 20	0.6261	0.846	-0.0697		T 33	0.6271	0.844	-0.0664	
1.98	T 11	0.6344	0.833	-0.0419	T 21	0.6337	0.834	-0.0446		T 34	0.6339	0.834	-0.0439	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6464	0.815	-0.0020	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 46	0.6385	0.827	-0.0296	
-0.52		0.0000	0.000	0.0000	T 35	0.6385	0.827	-0.0285			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 48	0.6292	0.841	-0.0595	
-0.02		0.0000	0.000	0.0000	T 37	0.6281	0.843	-0.0633			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	T 38	0.6219	0.853	-0.0838		T 50	0.6159	0.862	-0.1039	
0.48		0.0000	0.000	0.0000	T 39	0.6156	0.862	-0.1047		T 51	0.6162	0.861	-0.1028	
0.73		0.0000	0.000	0.0000	T 40	0.6122	0.867	-0.1161		T 52	0.6210	0.854	-0.0868	
0.98		0.0000	0.000	0.0000	T 41	0.6150	0.863	-0.1068		T 53	0.6261	0.846	-0.0698	
1.23		0.0000	0.000	0.0000	T 42	0.6203	0.855	-0.0883		T 54	0.6331	0.835	-0.0466	
1.48		0.0000	0.000	0.0000	T 43	0.6265	0.845	-0.0686			0.0000	0.000	0.0000	
1.98		0.0000	0.000	0.0000	T 44	0.6335	0.835	-0.0451			0.0000	0.000	0.0000	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.6306	0.839	-0.0549		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6478	0.813	0.0022		0.0000	0.000	0.0000		B 22	0.6472	0.814	0.0003	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6468	0.814	-0.0009	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6459	0.815	-0.0039	
-0.52	B 2	0.6445	0.818	-0.0086	B 12	0.6441	0.818	-0.0099		B 25	0.6433	0.819	-0.0126	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6384	0.827	-0.0289	B 14	0.6396	0.825	-0.0250		B 27	0.6371	0.829	-0.0334	
0.23	B 5	0.6329	0.836	-0.0475	B 15	0.6326	0.836	-0.0482		B 28	0.6325	0.836	-0.0485	
0.48	B 6	0.6283	0.843	-0.0626	B 16	0.6272	0.844	-0.0662		B 29	0.6281	0.843	-0.0633	
0.73	B 7	0.6250	0.848	-0.0737	B 17	0.6248	0.848	-0.0742		B 30	0.6254	0.847	-0.0724	
0.98	B 8	0.6268	0.845	-0.0677	B 18	0.6256	0.847	-0.0718		B 31	0.6261	0.846	-0.0699	
1.23	B 9	0.6303	0.840	-0.0559	B 19	0.6293	0.841	-0.0594		B 32	0.6280	0.843	-0.0637	
1.48	B 10	0.6329	0.836	-0.0473	B 20	0.6323	0.836	-0.0492		B 33	0.6315	0.838	-0.0520	
1.98	B 11	0.6371	0.829	-0.0333	B 21	0.6367	0.830	-0.0345		B 34	0.6354	0.832	-0.0389	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6471	0.814	0.0009	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 46	0.6422	0.821	-0.0155	
-0.52		0.0000	0.000	0.0000	B 35	0.6434	0.819	-0.0123			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 48	0.6364	0.830	-0.0348	
-0.02		0.0000	0.000	0.0000	B 37	0.6371	0.829	-0.0332			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	B 38	0.6327	0.836	-0.0480			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6285	0.842	-0.0611			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6258	0.846	-0.0701		B 50	0.6248	0.848	-0.0734	
0.98		0.0000	0.000	0.0000	B 41	0.6259	0.846	-0.0697		B 51	0.6247	0.848	-0.0736	
1.23		0.0000	0.000	0.0000	B 42	0.6280	0.843	-0.0626		B 52	0.6270	0.845	-0.0662	
1.48		0.0000	0.000	0.0000	B 43	0.6317	0.837	-0.0502		B 53	0.0000	0.000	0.0000	
1.98		0.0000	0.000	0.0000	B 44	0.6355	0.832	-0.0379		B 54	0.6341	0.834	-0.0423	
3.98	B 55	0.6360	0.831	-0.0361		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6301	0.840	-0.0557		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-III. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG — Continued

(J) RUN=185-2 ALPHA= 2 DEG MINF=0.829 REC= 2.05E+06  
PT= 1.23 ATM= 18.1 PSIA TT= 262. DEG K= 471. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.6342	0.833	-0.0097		0.0000	0.000	0.0000	T 22	0.6348	0.833	-0.0079		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.6334	0.835	-0.0123		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.6305	0.839	-0.0219		
-0.52	T 2	0.6265	0.845	-0.0349	T 12	0.6263	0.846	-0.0355	T 25	0.6240	0.849	-0.0432		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	T 4	0.6130	0.866	-0.0789	T 14	0.6126	0.867	-0.0803	T 27	0.6130	0.866	-0.0791		
0.23	T 5	0.5998	0.887	-0.1220	T 15	0.6009	0.885	-0.1186	T 28	0.6031	0.882	-0.1112		
0.48	T 6	0.5869	0.907	-0.1643	T 16	0.5874	0.906	-0.1626	T 29	0.5907	0.901	-0.1518		
0.73	T 7	0.5779	0.921	-0.1936	T 17	0.5796	0.918	-0.1881	T 30	0.5819	0.915	-0.1805		
0.98	T 8	0.5841	0.911	-0.1733	T 18	0.5840	0.911	-0.1736	T 31	0.5860	0.908	-0.1671		
1.23	T 9	0.5959	0.893	-0.1347	T 19	0.5962	0.892	-0.1339	T 32	0.5972	0.891	-0.1304		
1.48	T 10	0.6061	0.877	-0.1016	T 20	0.6060	0.877	-0.1017	T 33	0.6062	0.877	-0.1013		
1.98	T 11	0.6158	0.862	-0.0697	T 21	0.6154	0.863	-0.0713	T 34	0.6149	0.863	-0.0727		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.6347	0.833	-0.0082		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.6259	0.846	-0.0368	T 46	0.6249	0.848	-0.0400		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.6137	0.865	-0.0768	T 48	0.6135	0.865	-0.0772		
0.23		0.0000	0.000	0.0000	T 38	0.6045	0.879	-0.1067		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.5930	0.897	-0.1442		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.5857	0.909	-0.1681	T 50	0.5910	0.900	-0.1508		
0.98		0.0000	0.000	0.0000	T 41	0.5874	0.906	-0.1625	T 51	0.5911	0.900	-0.1505		
1.23		0.0000	0.000	0.0000	T 42	0.6023	0.883	-0.1140	T 52	0.5981	0.889	-0.1276		
1.48		0.0000	0.000	0.0000	T 43	0.6037	0.877	-0.1027	T 53	0.6049	0.879	-0.1054		
1.98		0.0000	0.000	0.0000	T 44	0.6155	0.862	-0.0708	T 54	0.6140	0.865	-0.0758		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.6355	0.832	-0.0063		0.0000	0.000	0.0000	B 22	0.0000	0.000	0.0000		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.6342	0.833	-0.0103		
-0.52	B 2	0.6294	0.841	-0.0262	B 12	0.6339	0.834	-0.0113	B 25	0.6350	0.832	-0.0079		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	B 4	0.6224	0.852	-0.0490	B 14	0.6224	0.852	-0.0489	B 27	0.6219	0.853	-0.0507		
0.23	B 5	0.6143	0.864	-0.0756	B 15	0.6138	0.865	-0.0771	B 28	0.6151	0.863	-0.0727		
0.48	B 6	0.6069	0.876	-0.0997	B 16	0.6128	0.866	-0.0802	B 29	0.6056	0.878	-0.1038		
0.73	B 7	0.6012	0.885	-0.1183	B 17	0.6051	0.878	-0.1054	B 30	0.6034	0.881	-0.1111		
0.98	B 8	0.6033	0.881	-0.1112	B 18	0.6063	0.877	-0.1017	B 31	0.6026	0.882	-0.1136		
1.23	B 9	0.6103	0.870	-0.0884	B 19	0.6107	0.870	-0.0873	B 32	0.6062	0.877	-0.1020		
1.48	B 10	0.6125	0.867	-0.0814	B 20	0.6131	0.866	-0.0793	B 33	0.6127	0.867	-0.0805		
1.98	B 11	0.0000	0.000	0.0000	B 21	0.0000	0.000	0.0000	B 34	0.6213	0.853	-0.0528		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.6330	0.835	-0.0145		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.6319	0.837	-0.0179	B 46	0.6262	0.846	-0.0365		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.6218	0.853	-0.0509	B 48	0.6188	0.857	-0.0609		
0.23		0.0000	0.000	0.0000	B 38	0.6178	0.859	-0.0640		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.6106	0.870	-0.0875		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.6066	0.876	-0.1006	B 50	0.6042	0.880	-0.1083		
0.98		0.0000	0.000	0.0000	B 41	0.6023	0.883	-0.1147	B 51	0.5982	0.889	-0.1280		
1.23		0.0000	0.000	0.0000	B 42	0.6059	0.877	-0.1028	B 52	0.6078	0.874	-0.0966		
1.48		0.0000	0.000	0.0000	B 43	0.6129	0.866	-0.0801	B 53	0.6093	0.872	-0.0919		
1.98		0.0000	0.000	0.0000	B 44	0.6157	0.862	-0.0710	B 54	0.6187	0.857	-0.0611		
3.98	B 55	0.6172	0.863	-0.0661		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.6118	0.868	-0.0838		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-III. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG - Continued

(K) RUN=193 ALPHA= 2 DEG MINF=0.830 REC= 4.00E+06  
PT= 2.38 ATM= 35.0 PSIA TT= 261. DEG K= 469. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	T 1	0.6376	0.828	0.0036		0.0000	0.000	0.0000	T 22	0.6374	0.829	0.0040		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 23	0.6365	0.830	0.0008		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 24	0.6337	0.834	-0.0081		
-0.52	T 2	0.6300	0.840	-0.0211	T 12	0.6299	0.840	-0.0216	T 25	0.6286	0.842	-0.0247		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	T 4	0.6176	0.859	-0.0615	T 14	0.6165	0.861	-0.0651	T 27	0.6176	0.859	-0.0605		
0.23	T 5	0.6050	0.879	-0.1027	T 15	0.6056	0.878	-0.1006	T 28	0.6078	0.874	-0.0926		
0.48	T 6	0.5944	0.895	-0.1373	T 16	0.5935	0.896	-0.1401	T 29	0.5970	0.891	-0.1278		
0.73	T 7	0.5865	0.907	-0.1629	T 17	0.5882	0.905	-0.1563	T 30	0.5907	0.901	-0.1481		
0.98	T 8	0.5920	0.899	-0.1449	T 18	0.5931	0.897	-0.1404	T 31	0.5946	0.895	-0.1356		
1.23	T 9	0.6027	0.882	-0.1100	T 19	0.6034	0.881	-0.1066	T 32	0.6030	0.882	-0.1081		
1.48	T 10	0.6115	0.869	-0.0815	T 20	0.6110	0.869	-0.0820	T 33	0.6115	0.869	-0.0805		
1.98	T 11	0.6212	0.853	-0.0497	T 21	0.6200	0.855	-0.0526	T 34	0.6199	0.856	-0.0530		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	T 45	0.6376	0.828	0.0047		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	T 35	0.6290	0.842	-0.0236	T 46	0.6286	0.842	-0.0247		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	T 37	0.6181	0.858	-0.0588	T 48	0.6183	0.858	-0.0583		
0.23		0.0000	0.000	0.0000	T 38	0.6096	0.871	-0.0865		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	T 39	0.5998	0.887	-0.1186		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	T 40	0.5937	0.896	-0.1385	T 50	0.5990	0.888	-0.1211		
0.98		0.0000	0.000	0.0000	T 41	0.5962	0.892	-0.1302	T 51	0.5990	0.888	-0.1211		
1.23		0.0000	0.000	0.0000	T 42	0.6031	0.882	-0.1077	T 52	0.6049	0.879	-0.1018		
1.48		0.0000	0.000	0.0000	T 43	0.6113	0.869	-0.0811	T 53	0.6109	0.869	-0.0824		
1.98		0.0000	0.000	0.0000	T 44	0.6198	0.856	-0.0534	T 54	0.6194	0.856	-0.0548		
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02	B 1	0.6386	0.827	0.0068		0.0000	0.000	0.0000	B 22	0.6383	0.827	0.0058		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 23	0.6375	0.828	0.0034		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 24	0.6363	0.830	-0.0006		
-0.52	B 2	0.6343	0.833	-0.0070	B 12	0.6343	0.833	-0.0071	B 25	0.6343	0.833	-0.0073		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02	B 4	0.6262	0.846	-0.0334	B 14	0.6261	0.846	-0.0338	B 27	0.6260	0.846	-0.0342		
0.23	B 5	0.6188	0.857	-0.0576	B 15	0.6187	0.857	-0.0580	B 28	0.6179	0.859	-0.0605		
0.48	B 6	0.6120	0.868	-0.0797	B 16	0.6127	0.867	-0.0774	B 29	0.6119	0.868	-0.0802		
0.73	B 7	0.6060	0.877	-0.0992	B 17	0.6067	0.876	-0.0970	B 30	0.6069	0.876	-0.0965		
0.98	B 8	0.6082	0.874	-0.0923	B 18	0.6073	0.875	-0.0951	B 31	0.6075	0.875	-0.0946		
1.23	B 9	0.6121	0.868	-0.0795	B 19	0.6124	0.867	-0.0785	B 32	0.6121	0.868	-0.0796		
1.48	B 10	0.6178	0.859	-0.0610	B 20	0.6161	0.862	-0.0666	B 33	0.6159	0.862	-0.0672		
1.98	B 11	0.6226	0.851	-0.0454	B 21	0.6225	0.852	-0.0456	B 34	0.6213	0.853	-0.0496		
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP	TAP	P/PT	M	CP		
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000	B 45	0.6382	0.827	0.0063		
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.52		0.0000	0.000	0.0000	B 35	0.6332	0.835	-0.0108	B 46	0.6320	0.837	-0.0138		
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
-0.02		0.0000	0.000	0.0000	B 37	0.6255	0.847	-0.0358	B 48	0.6226	0.851	-0.0445		
0.23		0.0000	0.000	0.0000	B 38	0.6188	0.857	-0.0576		0.0000	0.000	0.0000		
0.48		0.0000	0.000	0.0000	B 39	0.6125	0.867	-0.0772		0.0000	0.000	0.0000		
0.73		0.0000	0.000	0.0000	B 40	0.6074	0.875	-0.0938	B 50	0.6091	0.872	-0.0884		
0.98		0.0000	0.000	0.0000	B 41	0.6076	0.875	-0.0934	B 51	0.6071	0.875	-0.0949		
1.23		0.0000	0.000	0.0000	B 42	0.6123	0.867	-0.0780	B 52	0.6120	0.868	-0.0790		
1.48		0.0000	0.000	0.0000	B 43	0.6162	0.861	-0.0653	B 53	0.6148	0.863	-0.0699		
1.98		0.0000	0.000	0.0000	B 44	0.6211	0.854	-0.0494	B 54	0.6205	0.855	-0.0511		
3.98	B 55	0.6223	0.852	-0.0456		0.0000	0.000	0.0000		0.0000	0.000	0.0000		
5.98	B 56	0.6203	0.855	-0.0518		0.0000	0.000	0.0000		0.0000	0.000	0.0000		

TABLE C-III. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG — Continued

(L) RUN=192 ALPHA= 2 DEG MINF=0.830 REC= 5.97E+06  
PT= 3.52 ATM= 51.7 PSIA TT= 258. DEG K= 465. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6372	0.829	0.0010		0.0000	0.000	0.0000		T 22	0.6368	0.829	-0.0002	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6359	0.831	-0.0034	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6337	0.834	-0.0105	
-0.52	T 2	0.6303	0.840	-0.0218	T 12	0.6298	0.840	-0.0232		T 25	0.6290	0.842	-0.0259	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6165	0.861	-0.0664	T 14	0.6167	0.861	-0.0661		T 27	0.6183	0.858	-0.0606	
0.23	T 5	0.6050	0.879	-0.1041	T 15	0.6057	0.877	-0.1017		T 28	0.6081	0.874	-0.0939	
0.48	T 6	0.5934	0.897	-0.1419	T 16	0.5938	0.896	-0.1406		T 29	0.5974	0.890	-0.1287	
0.73	T 7	0.5870	0.907	-0.1629	T 17	0.5889	0.904	-0.1566		T 30	0.5914	0.900	-0.1483	
0.98	T 8	0.5925	0.898	-0.1449	T 18	0.5941	0.896	-0.1396		T 31	0.5955	0.893	-0.1349	
1.23	T 9	0.6031	0.882	-0.1104	T 19	0.6043	0.880	-0.1063		T 32	0.6048	0.879	-0.1047	
1.48	T 10	0.6117	0.868	-0.0824	T 20	0.6123	0.867	-0.0802		T 33	0.6128	0.867	-0.0788	
1.98	T 11	0.6212	0.853	-0.0511	T 21	0.6211	0.854	-0.0516		T 34	0.6206	0.854	-0.0532	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6369	0.829	-0.0001	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6290	0.842	-0.0257		T 46	0.6287	0.842	-0.0269	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6182	0.858	-0.0610		T 48	0.6185	0.858	-0.0599	
0.23		0.0000	0.000	0.0000	T 38	0.6100	0.871	-0.0878			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6005	0.886	-0.1187			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.5947	0.895	-0.1376		T 50	0.6004	0.886	-0.1192	
0.98		0.0000	0.000	0.0000	T 41	0.5970	0.891	-0.1303		T 51	0.6005	0.886	-0.1186	
1.23		0.0000	0.000	0.0000	T 42	0.6066	0.876	-0.0988		T 52	0.6064	0.876	-0.0995	
1.48		0.0000	0.000	0.0000	T 43	0.6117	0.868	-0.0821		T 53	0.6115	0.869	-0.0828	
1.98		0.0000	0.000	0.0000	T 44	0.6208	0.854	-0.0526		T 54	0.6197	0.856	-0.0561	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6387	0.827	0.0073		0.0000	0.000	0.0000		B 22	0.6380	0.828	0.0050	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6373	0.829	0.0025	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6364	0.830	-0.0004	
-0.52	B 2	0.6348	0.833	-0.0055	B 12	0.6349	0.832	-0.0052		B 25	0.6351	0.832	-0.0045	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6265	0.845	-0.0327	B 14	0.6266	0.845	-0.0324		B 27	0.6260	0.846	-0.0343	
0.23	B 5	0.6194	0.856	-0.0557	B 15	0.6195	0.856	-0.0555		B 28	0.6190	0.857	-0.0569	
0.48	B 6	0.6129	0.866	-0.0768	B 16	0.6120	0.868	-0.0798		B 29	0.6127	0.867	-0.0776	
0.73	B 7	0.6065	0.876	-0.0977	B 17	0.6081	0.874	-0.0924		B 30	0.6074	0.875	-0.0948	
0.98	B 8	0.6087	0.873	-0.0907	B 18	0.6082	0.874	-0.0922		B 31	0.6084	0.873	-0.0915	
1.23	B 9	0.6141	0.865	-0.0730	B 19	0.6135	0.865	-0.0749		B 32	0.6130	0.866	-0.0767	
1.48	B 10	0.6186	0.858	-0.0583	B 20	0.6174	0.859	-0.0621		B 33	0.6166	0.861	-0.0649	
1.98	B 11	0.6240	0.849	-0.0408	B 21	0.6237	0.850	-0.0417		B 34	0.6221	0.852	-0.0469	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6377	0.828	0.0039	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6338	0.834	-0.0090		B 46	0.6319	0.837	-0.0152	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6258	0.847	-0.0350		B 48	0.6241	0.849	-0.0405	
0.23		0.0000	0.000	0.0000	B 38	0.6198	0.856	-0.0546			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6132	0.866	-0.0759			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6084	0.873	-0.0916		B 50	0.6100	0.871	-0.0855	
0.98		0.0000	0.000	0.0000	B 41	0.6086	0.873	-0.0911		B 51	0.6076	0.875	-0.0942	
1.23		0.0000	0.000	0.0000	B 42	0.6124	0.867	-0.0784		B 52	0.6116	0.868	-0.0812	
1.48		0.0000	0.000	0.0000	B 43	0.6167	0.861	-0.0646		B 53	0.6162	0.861	-0.0663	
1.98		0.0000	0.000	0.0000	B 44	0.6219	0.852	-0.0475		B 54	0.6217	0.853	-0.0484	
3.98	B 55	0.6237	0.850	-0.0419		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6206	0.854	-0.0518		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-III. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG — Continued

(M) RUN=188 ALPHA= 2 DEG MINF=0.829 REC= 7.96E+06  
PT= 4.70 ATM= 69.1 PSIA TT= 259. DEG K= 465. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6373	0.829	-0.0010		0.0000	0.000	0.0000		T 22	0.6372	0.829	-0.0005	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6361	0.831	-0.0038	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6341	0.834	-0.0105	
-0.52	T 2	0.6306	0.839	-0.0229	T 12	0.6307	0.839	-0.0225		T 25	0.6297	0.840	-0.0248	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6180	0.858	-0.0639	T 14	0.6176	0.859	-0.0654		T 27	0.6185	0.858	-0.0615	
0.23	T 5	0.6061	0.877	-0.1029	T 15	0.6067	0.876	-0.1010		T 28	0.6086	0.873	-0.0936	
0.48	T 6	0.5951	0.894	-0.1388	T 16	0.5947	0.895	-0.1400		T 29	0.5975	0.890	-0.1300	
0.73	T 7	0.5881	0.905	-0.1616	T 17	0.5889	0.904	-0.1578		T 30	0.5915	0.900	-0.1496	
0.98	T 8	0.5941	0.896	-0.1418	T 18	0.5947	0.895	-0.1391		T 31	0.5960	0.893	-0.1347	
1.23	T 9	0.6048	0.879	-0.1070	T 19	0.6052	0.878	-0.1046		T 32	0.6057	0.878	-0.1032	
1.48	T 10	0.6140	0.865	-0.0770	T 20	0.6138	0.865	-0.0768		T 33	0.6140	0.865	-0.0760	
1.98	T 11	0.6233	0.850	-0.0467	T 21	0.6226	0.851	-0.0481		T 34	0.6223	0.852	-0.0489	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6372	0.829	-0.0004	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 46	0.6291	0.841	-0.0267	
-0.52		0.0000	0.000	0.0000	T 35	0.6293	0.841	-0.0263			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 48	0.6190	0.857	-0.0597	
-0.02		0.0000	0.000	0.0000	T 37	0.6185	0.858	-0.0614			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	T 38	0.6104	0.870	-0.0879			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.6008	0.885	-0.1191		T 50	0.6000	0.886	-0.1216	
0.73		0.0000	0.000	0.0000	T 40	0.5948	0.894	-0.1387		T 51	0.6006	0.885	-0.1197	
0.98		0.0000	0.000	0.0000	T 41	0.5978	0.890	-0.1289		T 52	0.6067	0.876	-0.0999	
1.23		0.0000	0.000	0.0000	T 42	0.6068	0.876	-0.0996		T 53	0.6130	0.866	-0.0794	
1.48		0.0000	0.000	0.0000	T 43	0.6134	0.866	-0.0782		T 54	0.6212	0.854	-0.0524	
1.98		0.0000	0.000	0.0000	T 44	0.6219	0.852	-0.0502			0.0000	0.000	0.0000	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6381	0.828	0.0025		0.0000	0.000	0.0000		B 22	0.6379	0.828	0.0017	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6370	0.829	-0.0011	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6360	0.831	-0.0043	
-0.52	B 2	0.6344	0.833	-0.0098	B 12	0.6342	0.834	-0.0102		B 25	0.6333	0.835	-0.0131	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6261	0.846	-0.0367	B 14	0.6262	0.846	-0.0365		B 27	0.6254	0.847	-0.0389	
0.23	B 5	0.6189	0.857	-0.0601	B 15	0.6195	0.856	-0.0584		B 28	0.6195	0.856	-0.0583	
0.48	B 6	0.6124	0.867	-0.0815	B 16	0.6113	0.869	-0.0851		B 29	0.6117	0.868	-0.0838	
0.73	B 7	0.6063	0.877	-0.1012	B 17	0.6071	0.875	-0.0986		B 30	0.6077	0.875	-0.0969	
0.98	B 8	0.6091	0.872	-0.0923	B 18	0.6082	0.874	-0.0950		B 31	0.6089	0.873	-0.0929	
1.23	B 9	0.6154	0.863	-0.0717	B 19	0.6142	0.864	-0.0757		B 32	0.6129	0.866	-0.0798	
1.48	B 10	0.6191	0.857	-0.0595	B 20	0.6178	0.859	-0.0638		B 33	0.6187	0.857	-0.0609	
1.98	B 11	0.6248	0.848	-0.0410	B 21	0.6240	0.849	-0.0436		B 34	0.6241	0.849	-0.0433	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6377	0.828	0.0018	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6335	0.835	-0.0126		B 46	0.6318	0.837	-0.0173	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6231	0.851	-0.0464		B 48	0.6257	0.847	-0.0371	
0.23		0.0000	0.000	0.0000	B 38	0.6193	0.856	-0.0589			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6130	0.866	-0.0788			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.6083	0.874	-0.0940		B 50	0.6099	0.871	-0.0888	
0.98		0.0000	0.000	0.0000	B 41	0.6092	0.872	-0.0910		B 51	0.6086	0.873	-0.0931	
1.23		0.0000	0.000	0.0000	B 42	0.6133	0.866	-0.0777		B 52	0.6128	0.867	-0.0794	
1.48		0.0000	0.000	0.0000	B 43	0.6181	0.858	-0.0621		B 53	0.6173	0.860	-0.0645	
1.98		0.0000	0.000	0.0000	B 44	0.6233	0.850	-0.0451		B 54	0.6219	0.853	-0.0497	
3.98	B 55	0.6242	0.849	-0.0422		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6229	0.851	-0.0465		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-III. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG — Continued

(N) RUN=185-1 ALPHA= 2 DEG MINF=0.841 REC= 1.98E+06  
PT= 1.20 ATM= 17.7 PSIA TT= 266. DEG K= 478. DEG R

## (1) TOP WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6283	0.843	-0.0041		0.0000	0.000	0.0000		T 22	0.6283	0.843	-0.0021	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6270	0.845	-0.0061	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6249	0.848	-0.0127	
-0.52	T 2	0.6193	0.857	-0.0333	T 12	0.6199	0.856	-0.0313		T 25	0.6182	0.858	-0.0344	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6063	0.877	-0.0749	T 14	0.6048	0.879	-0.0797		T 27	0.6059	0.877	-0.0738	
0.23	T 5	0.5903	0.902	-0.1263	T 15	0.5920	0.899	-0.1209		T 28	0.5938	0.896	-0.1126	
0.48	T 6	0.5734	0.928	-0.1804	T 16	0.5740	0.927	-0.1786		T 29	0.5774	0.922	-0.1652	
0.73	T 7	0.5544	0.958	-0.2416	T 17	0.5557	0.956	-0.2346		T 30	0.5593	0.950	-0.2233	
0.98	T 8	0.5563	0.955	-0.2356	T 18	0.5544	0.958	-0.2390		T 31	0.5558	0.956	-0.2344	
1.23	T 9	0.5764	0.923	-0.1709	T 19	0.5768	0.923	-0.1671		T 32	0.5773	0.922	-0.1655	
1.48	T 10	0.5911	0.900	-0.1238	T 20	0.5916	0.899	-0.1196		T 33	0.5917	0.899	-0.1192	
1.98	T 11	0.6043	0.880	-0.0814	T 21	0.6039	0.880	-0.0803		T 34	0.6034	0.881	-0.0819	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B= 1.000					2Y/B= 1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6286	0.842	-0.0011	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6187	0.857	-0.0326		T 46	0.6180	0.858	-0.0348	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6058	0.877	-0.0741		T 48	0.6053	0.878	-0.0757	
0.23		0.0000	0.000	0.0000	T 38	0.5953	0.894	-0.1077			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.5798	0.918	-0.1574			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.5634	0.944	-0.2100		T 50	0.5697	0.934	-0.1900	
0.98		0.0000	0.000	0.0000	T 41	0.5587	0.951	-0.2250		T 51	0.5648	0.942	-0.2055	
1.23		0.0000	0.000	0.0000	T 42	0.5802	0.917	-0.1563		T 52	0.5769	0.923	-0.1668	
1.48		0.0000	0.000	0.0000	T 43	0.5902	0.902	-0.1240		T 53	0.5892	0.903	-0.1274	
1.98		0.0000	0.000	0.0000	T 44	0.6027	0.882	-0.0840		T 54	0.6012	0.885	-0.0889	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B= .250					2Y/B= .500					2Y/B= .750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6293	0.841	-0.0004		0.0000	0.000	0.0000		B 22	0.0000	0.000	0.0000	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6264	0.846	-0.0097	
-0.52	B 2	0.6217	0.853	-0.0249	B 12	0.6255	0.847	-0.0127		B 25	0.6239	0.849	-0.0177	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6127	0.867	-0.0537	B 14	0.6129	0.866	-0.0529		B 27	0.6123	0.867	-0.0549	
0.23	B 5	0.6014	0.884	-0.0899	B 15	0.6014	0.884	-0.0899		B 28	0.6035	0.881	-0.0832	
0.48	B 6	0.5895	0.903	-0.1281	B 16	0.5950	0.894	-0.1103		B 29	0.5878	0.905	-0.1336	
0.73	B 7	0.5770	0.922	-0.1684	B 17	0.5807	0.917	-0.1565		B 30	0.5803	0.917	-0.1576	
0.98	B 8	0.5787	0.920	-0.1627	B 18	0.5824	0.914	-0.1509		B 31	0.5787	0.920	-0.1627	
1.23	B 9	0.5898	0.902	-0.1270	B 19	0.5898	0.902	-0.1272		B 32	0.5867	0.907	-0.1371	
1.48	B 10	0.5983	0.889	-0.0999	B 20	0.5973	0.891	-0.1031		B 33	0.5964	0.892	-0.1060	
1.98	B 11	0.0000	0.000	0.0000	B 21	0.0000	0.000	0.0000		B 34	0.6075	0.875	-0.0703	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B= .833					2Y/B= 1.000					2Y/B= 1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6268	0.845	-0.0104	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6246	0.848	-0.0153		B 46	0.6183	0.858	-0.0376	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6128	0.867	-0.0535		B 48	0.6092	0.872	-0.0668	
0.23		0.0000	0.000	0.0000	B 38	0.6062	0.877	-0.0746			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0030	B 39	0.5939	0.896	-0.1160			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.5845	0.911	-0.1462		B 50	0.5810	0.916	-0.1574	
0.98		0.0000	0.000	0.0000	B 41	0.5793	0.919	-0.1630		B 51	0.5759	0.924	-0.1738	
1.23		0.0000	0.000	0.0000	B 42	0.5860	0.908	-0.1413		B 52	0.5894	0.903	-0.1303	
1.48		0.0000	0.000	0.0000	B 43	0.5974	0.890	-0.1045		B 53	0.5952	0.894	-0.1118	
1.98		0.0000	0.000	0.0000	B 44	0.6042	0.880	-0.0829		B 54	0.6062	0.877	-0.0764	
3.98	B 55	0.6056	0.878	-0.0782		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.5990	0.888	-0.0997		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-III. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG - Continued

(O) RUN=186 ALPHA= 2 DEG MINF=0.839 REC= 3.94E+06  
PT= 2.32 ATM= 34.1 PSIA TT= 259. DEG K= 466. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6292	0.841	-0.0042		0.0000	0.000	0.0000		T 22	0.6298	0.840	-0.0024	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6284	0.842	-0.0066	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6263	0.846	-0.0135	
-0.52	T 2	0.6225	0.852	-0.0259	T 12	0.6220	0.852	-0.0275		T 25	0.6224	0.852	-0.0262	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6085	0.873	-0.0710	T 14	0.6086	0.873	-0.0706		T 27	0.6093	0.872	-0.0682	
0.23	T 5	0.5950	0.894	-0.1145	T 15	0.5960	0.893	-0.1110		T 28	0.5975	0.890	-0.1060	
0.48	T 6	0.5800	0.918	-0.1626	T 16	0.5802	0.917	-0.1619		T 29	0.5826	0.914	-0.1541	
0.73	T 7	0.5668	0.938	-0.2051	T 17	0.5666	0.939	-0.2056		T 30	0.5700	0.933	-0.1948	
0.98	T 8	0.5732	0.928	-0.1843	T 18	0.5722	0.930	-0.1877		T 31	0.5738	0.927	-0.1824	
1.23	T 9	0.5879	0.905	-0.1373	T 19	0.5873	0.906	-0.1390		T 32	0.5874	0.906	-0.1386	
1.48	T 10	0.5991	0.888	-0.1011	T 20	0.5983	0.889	-0.1037		T 33	0.5979	0.890	-0.1049	
1.98	T 11	0.6097	0.871	-0.0672	T 21	0.6091	0.872	-0.0688		T 34	0.6089	0.873	-0.0696	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6298	0.840	-0.0022	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6211	0.854	-0.0302		T 46	0.6205	0.855	-0.0322	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6091	0.872	-0.0687		T 48	0.6095	0.872	-0.0674	
0.23		0.0000	0.000	0.0000	T 38	0.5994	0.887	-0.1002			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.5861	0.908	-0.1429			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.5744	0.926	-0.1806		T 50	0.5811	0.916	-0.1590	
0.98		0.0000	0.000	0.0000	T 41	0.5758	0.924	-0.1761		T 51	0.5804	0.917	-0.1613	
1.23		0.0000	0.000	0.0000	T 42	0.5858	0.909	-0.1438		T 52	0.5886	0.904	-0.1349	
1.48		0.0000	0.000	0.0000	T 43	0.5976	0.890	-0.1059		T 53	0.5970	0.891	-0.1078	
1.98		0.0000	0.000	0.0000	T 44	0.6084	0.873	-0.0712		T 54	0.6075	0.875	-0.0741	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6306	0.839	0.0004		0.0000	0.000	0.0000		B 22	0.6304	0.839	-0.0001	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6291	0.841	-0.0043	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6278	0.843	-0.0086	
-0.52	B 2	0.6255	0.847	-0.0160	B 12	0.6252	0.847	-0.0167		B 25	0.6247	0.848	-0.0186	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6154	0.863	-0.0484	B 14	0.6158	0.862	-0.0470		B 27	0.6151	0.863	-0.0492	
0.23	B 5	0.6056	0.878	-0.0798	B 15	0.6064	0.876	-0.0773		B 28	0.6051	0.878	-0.0814	
0.48	B 6	0.5940	0.896	-0.1172	B 16	0.5936	0.896	-0.1184		B 29	0.5962	0.892	-0.1100	
0.73	B 7	0.5858	0.908	-0.1434	B 17	0.5858	0.909	-0.1437		B 30	0.5869	0.907	-0.1401	
0.98	B 8	0.5887	0.904	-0.1341	B 18	0.5875	0.906	-0.1380		B 31	0.5880	0.905	-0.1364	
1.23	B 9	0.5976	0.890	-0.1056	B 19	0.5958	0.893	-0.1113		B 32	0.5952	0.894	-0.1132	
1.48	B 10	0.6034	0.881	-0.0869	B 20	0.6023	0.883	-0.0906		B 33	0.6025	0.883	-0.0900	
1.98	B 11	0.6115	0.869	-0.0608	B 21	0.6098	0.871	-0.0663		B 34	0.6100	0.871	-0.0658	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6303	0.840	-0.0009	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6247	0.848	-0.0183		B 46	0.6233	0.850	-0.0234	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6140	0.865	-0.0327		B 48	0.6134	0.866	-0.0353	
0.23		0.0000	0.000	0.0000	B 38	0.6068	0.876	-0.0759			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.5969	0.891	-0.1084			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.5889	0.904	-0.1340		B 50	0.5906	0.901	-0.1288	
0.98		0.0000	0.000	0.0000	B 41	0.5893	0.903	-0.1327		B 51	0.5902	0.902	-0.1300	
1.23		0.0000	0.000	0.0000	B 42	0.5953	0.894	-0.1134		B 52	0.5950	0.894	-0.1146	
1.48		0.0000	0.000	0.0000	B 43	0.6020	0.883	-0.0918		B 53	0.6011	0.885	-0.0948	
1.98		0.0000	0.000	0.0000	B 44	0.6091	0.872	-0.0691		B 54	0.6086	0.873	-0.0708	
3.98	B 55	0.6125	0.867	-0.0582		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6083	0.873	-0.0716		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-III. — CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG — Continued

(P) RUN=187 ALPHA= 2 DEG MINF=0.840 REC= 6.02E+06  
PT= 3.54 ATM= 52.0 PSIA TT= 259. DEG K= 466. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6297	0.840	-0.0014		0.0000	0.000	0.0000		T 22	0.6293	0.841	-0.0035	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6282	0.843	-0.0069	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6263	0.846	-0.0132	
-0.52	T 2	0.6233	0.850	-0.0221	T 12	0.6227	0.851	-0.0239		T 25	0.6221	0.852	-0.0266	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6093	0.872	-0.0670	T 14	0.6092	0.872	-0.0676		T 27	0.6090	0.872	-0.0686	
0.23	T 5	0.5959	0.893	-0.1100	T 15	0.5967	0.892	-0.1077		T 28	0.5982	0.889	-0.1036	
0.48	T 6	0.5808	0.916	-0.1586	T 16	0.5812	0.916	-0.1575		T 29	0.5836	0.912	-0.1504	
0.73	T 7	0.5681	0.936	-0.1996	T 17	0.5686	0.936	-0.1987		T 30	0.5716	0.931	-0.1889	
0.98	T 8	0.5745	0.926	-0.1791	T 18	0.5739	0.927	-0.1815		T 31	0.5753	0.925	-0.1771	
1.23	T 9	0.5891	0.903	-0.1321	T 19	0.5888	0.904	-0.1337		T 32	0.5888	0.904	-0.1338	
1.48	T 10	0.6000	0.886	-0.0971	T 20	0.5998	0.887	-0.0982		T 33	0.5992	0.888	-0.1003	
1.98	T 11	0.6112	0.869	-0.0609	T 21	0.6100	0.871	-0.0656		T 34	0.6098	0.871	-0.0661	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6294	0.841	-0.0032	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 46	0.6206	0.854	-0.0313	
-0.52		0.0000	0.000	0.0000	T 35	0.6212	0.853	-0.0293			0.0000	0.000	0.0000	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 48	0.6096	0.871	-0.0668	
-0.02		0.0000	0.000	0.0000	T 37	0.6092	0.872	-0.0680			0.0000	0.000	0.0000	
0.23		0.0000	0.000	0.0000	T 38	0.5994	0.887	-0.0995			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.5867	0.907	-0.1403		T 50	0.5816	0.915	-0.1569	
0.73		0.0000	0.000	0.0000	T 40	0.5757	0.924	-0.1759		T 51	0.5813	0.916	-0.1579	
0.98		0.0000	0.000	0.0000	T 41	0.5773	0.922	-0.1707		T 52	0.5896	0.903	-0.1311	
1.23		0.0000	0.000	0.0000	T 42	0.5903	0.902	-0.1290		T 53	0.5981	0.889	-0.1039	
1.48		0.0000	0.000	0.0000	T 43	0.5986	0.889	-0.1022		T 54	0.6085	0.873	-0.0704	
1.98		0.0000	0.000	0.0000	T 44	0.6091	0.872	-0.0683			0.0000	0.000	0.0000	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6308	0.839	0.0015		0.0000	0.000	0.0000		B 22	0.6301	0.840	-0.0008	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6294	0.841	-0.0029	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6282	0.843	-0.0068	
-0.52	B 2	0.6261	0.846	-0.0135	B 12	0.6257	0.847	-0.0150		B 25	0.6256	0.847	-0.0151	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6161	0.861	-0.0458	B 14	0.6157	0.862	-0.0470		B 27	0.6156	0.862	-0.0476	
0.23	B 5	0.6060	0.877	-0.0781	B 15	0.6062	0.877	-0.0777		B 28	0.6062	0.877	-0.0775	
0.48	B 6	0.5948	0.895	-0.1144	B 16	0.5944	0.895	-0.1155		B 29	0.5952	0.894	-0.1130	
0.73	B 7	0.5853	0.909	-0.1447	B 17	0.5856	0.909	-0.1438		B 30	0.5867	0.907	-0.1404	
0.98	B 8	0.5883	0.905	-0.1350	B 18	0.5871	0.906	-0.1390		B 31	0.5876	0.906	-0.1374	
1.23	B 9	0.5985	0.889	-0.1023	B 19	0.5963	0.892	-0.1095		B 32	0.5951	0.894	-0.1135	
1.48	B 10	0.6039	0.880	-0.0852	B 20	0.6023	0.883	-0.0901		B 33	0.6028	0.882	-0.0884	
1.98	B 11	0.6122	0.867	-0.0583	B 21	0.6112	0.869	-0.0615		B 34	0.6104	0.870	-0.0643	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6296	0.841	-0.0025	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6248	0.848	-0.0178		B 46	0.6230	0.851	-0.0236	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6132	0.866	-0.0552		B 48	0.6141	0.865	-0.0522	
0.23		0.0000	0.000	0.0000	B 38	0.6064	0.876	-0.0769			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.5966	0.892	-0.1085			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.5883	0.905	-0.1352		B 50	0.5912	0.900	-0.1258	
0.98		0.0000	0.000	0.0000	B 41	0.5804	0.904	-0.1349		B 51	0.5891	0.903	-0.1328	
1.23		0.0000	0.000	0.0000	B 42	0.5953	0.894	-0.1127		B 52	0.5949	0.894	-0.1149	
1.48		0.0000	0.000	0.0000	B 43	0.6027	0.882	-0.0889		B 53	0.6020	0.883	-0.0911	
1.98		0.0000	0.000	0.0000	B 44	0.6096	0.871	-0.0666		B 54	0.6094	0.872	-0.0673	
3.98	B 55	0.6121	0.868	-0.0585		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6103	0.870	-0.0640		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

TABLE C-III. - CHANNEL TOP- AND BOTTOM-WALL PRESSURE DATA; ALPHA = 2 DEG - Concluded

(Q) RUN=184 ALPHA= 2 DEG MINF=0.836 REC= 7.96E+06  
PT= 4.67 ATM= 68.6 PSIA TT= 258. DEG K= 464. DEG R

## (1) TOP WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	T 1	0.6325	0.836	0.0006		0.0000	0.000	0.0000		T 22	0.0000	0.000	0.0000	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 23	0.6302	0.840	-0.0105	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 24	0.6282	0.843	-0.0172	
-0.52	T 2	0.6262	0.846	-0.0196	T 12	0.6261	0.846	-0.0200		T 25	0.6216	0.853	-0.0383	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	T 4	0.6135	0.865	-0.0607	T 14	0.6122	0.867	-0.0650		T 27	0.6099	0.871	-0.0762	
0.23	T 5	0.5996	0.887	-0.1056	T 15	0.6002	0.886	-0.1037		T 28	0.6008	0.885	-0.1058	
0.48	T 6	0.5861	0.908	-0.1494	T 16	0.5852	0.909	-0.1521		T 29	0.5870	0.907	-0.1506	
0.73	T 7	0.5730	0.929	-0.1916	T 17	0.5732	0.928	-0.1952		T 30	0.5761	0.924	-0.1856	
0.98	T 8	0.5788	0.920	-0.1729	T 18	0.5788	0.920	-0.1772		T 31	0.5802	0.917	-0.1725	
1.23	T 9	0.5930	0.897	-0.1269	T 19	0.5926	0.898	-0.1322		T 32	0.5908	0.901	-0.1380	
1.48	T 10	0.6043	0.880	-0.0903	T 20	0.6035	0.881	-0.0971		T 33	0.6007	0.885	-0.1063	
1.98	T 11	0.6157	0.862	-0.0538	T 21	0.6133	0.866	-0.0652		T 34	0.6128	0.866	-0.0668	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		T 45	0.6309	0.839	-0.0084	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	T 35	0.6231	0.851	-0.0335		T 46	0.6228	0.851	-0.0345	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	T 37	0.6116	0.868	-0.0709		T 48	0.6118	0.868	-0.0701	
0.23		0.0000	0.000	0.0000	T 38	0.6020	0.883	-0.1020			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	T 39	0.5898	0.902	-0.1413			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	T 40	0.5801	0.917	-0.1729		T 50	0.5841	0.911	-0.1600	
0.98		0.0000	0.000	0.0000	T 41	0.5822	0.914	-0.1660		T 51	0.5845	0.911	-0.1587	
1.23		0.0000	0.000	0.0000	T 42	0.5907	0.901	-0.1385		T 52	0.5919	0.899	-0.1346	
1.48		0.0000	0.000	0.0000	T 43	0.6022	0.883	-0.1012		T 53	0.6015	0.884	-0.1036	
1.98		0.0000	0.000	0.0000	T 44	0.6106	0.870	-0.0741		T 54	0.6117	0.868	-0.0705	
3.98	T 55	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	T 56	0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

## (2) BOTTOM WALL

2Y/B=.250					2Y/B=.500					2Y/B=.750				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02	B 1	0.6334	0.835	0.0031		0.0000	0.000	0.0000		B 22	0.6328	0.836	0.0012	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 23	0.6320	0.837	-0.0013	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 24	0.6313	0.838	-0.0037	
-0.52	B 2	0.6292	0.841	-0.0104	B 12	0.6293	0.841	-0.0100		B 25	0.6283	0.843	-0.0131	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02	B 4	0.6199	0.856	-0.0405	B 14	0.6193	0.857	-0.0423		B 27	0.6191	0.857	-0.0430	
0.23	B 5	0.6102	0.871	-0.0718	B 15	0.6099	0.871	-0.0725		B 28	0.6099	0.871	-0.0728	
0.48	B 6	0.5998	0.887	-0.1053	B 16	0.5996	0.887	-0.1058		B 29	0.6001	0.886	-0.1044	
0.73	B 7	0.5919	0.899	-0.1308	B 17	0.5923	0.898	-0.1293		B 30	0.5929	0.897	-0.1275	
0.98	B 8	0.5952	0.894	-0.1201	B 18	0.5940	0.896	-0.1241		B 31	0.5944	0.895	-0.1227	
1.23	B 9	0.6033	0.881	-0.0938	B 19	0.6024	0.883	-0.0970		B 32	0.6017	0.884	-0.0991	
1.48	B 10	0.6092	0.872	-0.0750	B 20	0.6073	0.875	-0.0811		B 33	0.6036	0.873	-0.0769	
1.98	B 11	0.6166	0.861	-0.0509	B 21	0.6153	0.863	-0.0551		B 34	0.6157	0.862	-0.0540	
3.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	

2Y/B=.833					2Y/B=1.000					2Y/B=1.333				
XW/C	TAP	P/PT	M	CP	TAP	P/PT	M	CP		TAP	P/PT	M	CP	
-2.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000		B 45	0.6325	0.836	0.0008	
-1.52		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-1.02		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.52		0.0000	0.000	0.0000	B 35	0.6268	0.845	-0.0182		B 46	0.6268	0.845	-0.0177	
-0.27		0.0000	0.000	0.0000		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
-0.02		0.0000	0.000	0.0000	B 37	0.6183	0.858	-0.0456		B 48	0.6184	0.858	-0.0447	
0.23		0.0000	0.000	0.0000	B 38	0.6105	0.870	-0.0707			0.0000	0.000	0.0000	
0.48		0.0000	0.000	0.0000	B 39	0.6017	0.884	-0.0988			0.0000	0.000	0.0000	
0.73		0.0000	0.000	0.0000	B 40	0.5942	0.895	-0.1230		B 50	0.5961	0.892	-0.1167	
0.98		0.0000	0.000	0.0000	B 41	0.5951	0.894	-0.1199		B 51	0.5947	0.895	-0.1214	
1.23		0.0000	0.000	0.0000	B 42	0.6016	0.884	-0.0991		B 52	0.6004	0.886	-0.1027	
1.48		0.0000	0.000	0.0000	B 43	0.6081	0.874	-0.0780		B 53	0.6065	0.876	-0.0833	
1.98		0.0000	0.000	0.0000	B 44	0.6137	0.865	-0.0599		B 54	0.6140	0.865	-0.0538	
3.98	B 55	0.6167	0.861	-0.0502		0.0000	0.000	0.0000			0.0000	0.000	0.0000	
5.98	B 56	0.6149	0.863	-0.0560		0.0000	0.000	0.0000			0.0000	0.000	0.0000	



# APPENDIX D

## TABULATED CHANNEL SIDEWALL PLUGS PRESSURE DATA

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TABLE D-I. - CHANNEL SIDEWALL PLUGS PRESSURE DATA; ALPHA = 0 DEG

(A) RUN= 36 ALPHA= 0 DEG MINF=0.501 REC= 2.02E+06  
PT= 1.60 ATM= 23.5 PSIA TT= 252. DEG K= 453. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.8399	0.506	-0.0184
3.09	0.25	S 3	0.8402	0.505	-0.0161
2.59	0.25	S 5	0.8403	0.505	-0.0155
3.59	0.00	S 6	0.8395	0.506	-0.0209
3.09	0.00	S 8	0.8393	0.507	-0.0225
2.59	0.00	S 10	0.8416	0.503	-0.0070
3.59	-0.25	S 11	0.8388	0.507	-0.0259
3.09	-0.25	S 13	0.8375	0.510	-0.0345
2.59	-0.25	S 15	0.8406	0.504	-0.0136

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.8399	0.506	-0.0183
0.12	0.25	S 18	0.8393	0.507	-0.0227
0.62	0.25	S 20	0.8381	0.509	-0.0305
-0.38	0.00	S 21	0.8395	0.506	-0.0209
0.12	0.00	S 23	0.8382	0.509	-0.0301
0.62	0.00	S 25	0.8363	0.512	-0.0427
-0.38	-0.25	S 26	0.8402	0.505	-0.0161
0.12	-0.25	S 28	0.8387	0.508	-0.0266
0.62	-0.25	S 30	0.8378	0.509	-0.0326

(B) RUN= 37 ALPHA= 0 DEG MINF=0.501 REC= 4.05E+06  
PT= 3.22 ATM= 47.3 PSIA TT= 252. DEG K= 453. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.8413	0.503	-0.0084
3.09	0.25	S 3	0.8416	0.503	-0.0060
2.59	0.25	S 5	0.8416	0.503	-0.0061
3.59	0.00	S 6	0.8415	0.503	-0.0064
3.09	0.00	S 8	0.8417	0.502	-0.0056
2.59	0.00	S 10	0.8425	0.501	-0.0001
3.59	-0.25	S 11	0.8411	0.503	-0.0092
3.09	-0.25	S 13	0.8418	0.502	-0.0047
2.59	-0.25	S 15	0.8416	0.503	-0.0063

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.8422	0.502	-0.0022
0.12	0.25	S 18	0.8409	0.504	-0.0109
0.62	0.25	S 20	0.8383	0.508	-0.0286
-0.38	0.00	S 21	0.8407	0.504	-0.0118
0.12	0.00	S 23	0.8396	0.506	-0.0192
0.62	0.00	S 25	0.8377	0.509	-0.0323
-0.38	-0.25	S 26	0.8442	0.498	0.0117
0.12	-0.25	S 28	0.8408	0.504	-0.0115
0.62	-0.25	S 30	0.8391	0.507	-0.0226

(C) RUN= 38 ALPHA= 0 DEG MINF=0.500 REC= 5.97E+06  
PT= 4.71 ATM= 69.3 PSIA TT= 251. DEG K= 451. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.8414	0.503	-0.0128
3.09	0.25	S 3	0.8422	0.501	-0.0067
2.59	0.25	S 5	0.8415	0.503	-0.0117
3.59	0.00	S 6	0.8418	0.502	-0.0096
3.09	0.00	S 8	0.8425	0.501	-0.0052
2.59	0.00	S 10	0.8429	0.500	-0.0026
3.59	-0.25	S 11	0.8421	0.502	-0.0079
3.09	-0.25	S 13	0.8433	0.500	0.0003
2.59	-0.25	S 15	0.8421	0.502	-0.0076

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.8425	0.501	-0.0053
0.12	0.25	S 18	0.8415	0.503	-0.0115
0.62	0.25	S 20	0.8390	0.507	-0.0286
-0.38	0.00	S 21	0.8427	0.501	-0.0037
0.12	0.00	S 23	0.8400	0.505	-0.0221
0.62	0.00	S 25	0.8386	0.508	-0.0311
-0.38	-0.25	S 26	0.8423	0.501	-0.0061
0.12	-0.25	S 28	0.8413	0.503	-0.0133
0.62	-0.25	S 30	0.8390	0.507	-0.0285

(D) RUN= 39 ALPHA= 0 DEG MINF=0.601 REC= 6.06E+06  
PT= 4.18 ATM= 61.4 PSIA TT= 251. DEG K= 453. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.7808	0.605	-0.0114
3.09	0.25	S 3	0.7811	0.605	-0.0101
2.59	0.25	S 5	0.7813	0.604	-0.0087
3.59	0.00	S 6	0.7813	0.604	-0.0091
3.09	0.00	S 8	0.7808	0.605	-0.0114
2.59	0.00	S 10	0.7829	0.602	-0.0011
3.59	-0.25	S 11	0.7805	0.606	-0.0130
3.09	-0.25	S 13	0.7812	0.604	-0.0092
2.59	-0.25	S 15	0.7814	0.604	-0.0086

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.7822	0.603	-0.0045
0.12	0.25	S 18	0.7796	0.607	-0.0176
0.62	0.25	S 20	0.7760	0.613	-0.0355
-0.38	0.00	S 21	0.7811	0.605	-0.0099
0.12	0.00	S 23	0.7789	0.608	-0.0210
0.62	0.00	S 25	0.7753	0.614	-0.0390
-0.38	-0.25	S 26	0.7819	0.603	-0.0059
0.12	-0.25	S 28	0.7794	0.607	-0.0183
0.62	-0.25	S 30	0.7760	0.613	-0.0358

TABLE D-I. - CHANNEL SIDEWALL PLUGS PRESSURE DATA; ALPHA = 0 DEG - Continued

(E) RUN= 48 ALPHA= 0 DEG MINF=0.695 REC= 5.99E+06  
PT= 3.76 ATM= 55.3 PSIA TT= 252. DEG K= 453. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.7197	0.702	-0.0175
3.09	0.25	S 3	0.7196	0.702	-0.0178
2.59	0.25	S 5	0.7211	0.700	-0.0116
3.59	0.00	S 6	0.7196	0.702	-0.0180
3.09	0.00	S 8	0.7206	0.701	-0.0139
2.59	0.00	S 10	0.7222	0.698	-0.0071
3.59	-0.25	S 11	0.7193	0.702	-0.0190
3.09	-0.25	S 13	0.7202	0.701	-0.0156
2.59	-0.25	S 15	0.7210	0.700	-0.0123

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.7215	0.699	-0.0101
0.12	0.25	S 18	0.7185	0.704	-0.0224
0.62	0.25	S 20	0.7116	0.714	-0.0505
-0.38	0.00	S 21	0.7212	0.700	-0.0114
0.12	0.00	S 23	0.7166	0.707	-0.0302
0.62	0.00	S 25	0.7103	0.716	-0.0559
-0.38	-0.25	S 26	0.7217	0.699	-0.0093
0.12	-0.25	S 28	0.7184	0.704	-0.0226
0.62	-0.25	S 30	0.7111	0.715	-0.0527

(F) RUN=181 ALPHA= 0 DEG MINF=0.796 REC= 7.93E+06  
PT= 4.84 ATM= 71.1 PSIA TT= 261. DEG K= 470. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6526	0.805	-0.0187
3.09	0.25	S 3	0.6514	0.807	-0.0227
2.59	0.25	S 5	0.6527	0.805	-0.0184
3.59	0.00	S 6	0.6524	0.806	-0.0195
3.09	0.00	S 8	0.6527	0.805	-0.0184
2.59	0.00	S 10	0.6550	0.802	-0.0106
3.59	-0.25	S 11	0.6523	0.806	-0.0198
3.09	-0.25	S 13	0.6530	0.805	-0.0174
2.59	-0.25	S 15	0.6533	0.804	-0.0165

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6548	0.802	-0.0114
0.12	0.25	S 18	0.6487	0.811	-0.0323
0.62	0.25	S 20	0.6343	0.833	-0.0815
-0.38	0.00	S 21	0.6545	0.802	-0.0125
0.12	0.00	S 23	0.6469	0.814	-0.0383
0.62	0.00	S 25	0.6000	0.800	0.0000
-0.38	-0.25	S 26	0.6548	0.802	-0.0114
0.12	-0.25	S 28	0.6478	0.813	-0.0353
0.62	-0.25	S 30	0.6342	0.834	-0.0818

(G) RUN=182 ALPHA= 0 DEG MINF=0.807 REC= 7.94E+06  
PT= 4.81 ATM= 70.7 PSIA TT= 261. DEG K= 470. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6457	0.816	-0.0198
3.09	0.25	S 3	0.6446	0.818	-0.0233
2.59	0.25	S 5	0.6464	0.815	-0.0173
3.59	0.00	S 6	0.6462	0.815	-0.0181
3.09	0.00	S 8	0.6460	0.815	-0.0185
2.59	0.00	S 10	0.6483	0.812	-0.0107
3.59	-0.25	S 11	0.6453	0.817	-0.0211
3.09	-0.25	S 13	0.6453	0.816	-0.0208
2.59	-0.25	S 15	0.6467	0.814	-0.0164

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6485	0.811	-0.0100
0.12	0.25	S 18	0.6410	0.823	-0.0354
0.62	0.25	S 20	0.6247	0.848	-0.0903
-0.38	0.00	S 21	0.6484	0.812	-0.0106
0.12	0.00	S 23	0.6392	0.826	-0.0414
0.62	0.00	S 25	0.6000	0.800	0.0000
-0.38	-0.25	S 26	0.6476	0.813	-0.0131
0.12	-0.25	S 28	0.6405	0.824	-0.0371
0.62	-0.25	S 30	0.6247	0.848	-0.0904

(H) RUN= 42 ALPHA= 0 DEG MINF=0.820 REC= 2.08E+06  
PT= 1.21 ATM= 17.7 PSIA TT= 254. DEG K= 458. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6270	0.845	-0.0536
3.09	0.25	S 3	0.6289	0.842	-0.0473
2.59	0.25	S 5	0.6309	0.839	-0.0408
3.59	0.00	S 6	0.6297	0.841	-0.0448
3.09	0.00	S 8	0.6302	0.840	-0.0429
2.59	0.00	S 10	0.6348	0.833	-0.0279
3.59	-0.25	S 11	0.6285	0.842	-0.0486
3.09	-0.25	S 13	0.6284	0.842	-0.0488
2.59	-0.25	S 15	0.6308	0.839	-0.0409

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6354	0.832	-0.0257
0.12	0.25	S 18	0.6285	0.842	-0.0488
0.62	0.25	S 20	0.6043	0.880	-0.1285
-0.38	0.00	S 21	0.6351	0.832	-0.0270
0.12	0.00	S 23	0.6256	0.847	-0.0582
0.62	0.00	S 25	0.6032	0.881	-0.1324
-0.38	-0.25	S 26	0.6395	0.825	-0.0123
0.12	-0.25	S 28	0.6284	0.842	-0.0490
0.62	-0.25	S 30	0.6059	0.877	-0.1233

TABLE D-I. - CHANNEL SIDEWALL PLUGS PRESSURE DATA; ALPHA = 0 DEG - Continued

(I) RUN= 43 ALPHA= 0 DEG MINF=0.817 REC= 3.95E+06  
PT= 2.26 ATM= 33.2 PSIA TT= 251. DEG K= 452. DEG R

(J) RUN= 49 ALPHA= 0 DEG MINF=0.816 REC= 5.97E+06  
PT= 3.41 ATM= 50.1 PSIA TT= 251. DEG K= 452. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6330	0.835	-0.0409
3.09	0.25	S 3	0.6328	0.836	-0.0415
2.59	0.25	S 5	0.6348	0.833	-0.0348
3.59	0.00	S 6	0.6332	0.835	-0.0404
3.09	0.00	S 8	0.6346	0.833	-0.0356
2.59	0.00	S 10	0.6365	0.830	-0.0294
3.59	-0.25	S 11	0.6342	0.834	-0.0369
3.09	-0.25	S 13	0.6342	0.834	-0.0370
2.59	-0.25	S 15	0.6347	0.833	-0.0352

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6356	0.831	-0.0328
3.09	0.25	S 3	0.6347	0.833	-0.0356
2.59	0.25	S 5	0.6372	0.829	-0.0274
3.59	0.00	S 6	0.6349	0.832	-0.0351
3.09	0.00	S 8	0.6365	0.830	-0.0297
2.59	0.00	S 10	0.6390	0.826	-0.0215
3.59	-0.25	S 11	0.6350	0.832	-0.0346
3.09	-0.25	S 13	0.6360	0.831	-0.0314
2.59	-0.25	S 15	0.6368	0.830	-0.0288

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6393	0.826	-0.0200
0.12	0.25	S 18	0.6313	0.838	-0.0466
0.62	0.25	S 20	0.6100	0.871	-0.1172
-0.38	0.00	S 21	0.6380	0.828	-0.0242
0.12	0.00	S 23	0.6292	0.841	-0.0534
0.62	0.00	S 25	0.6079	0.874	-0.1241
-0.38	-0.25	S 26	0.6395	0.825	-0.0193
0.12	-0.25	S 28	0.6318	0.837	-0.0449
0.62	-0.25	S 30	0.6097	0.871	-0.1181

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6409	0.823	-0.0150
0.12	0.25	S 18	0.6330	0.835	-0.0413
0.62	0.25	S 20	0.6119	0.868	-0.1115
-0.38	0.00	S 21	0.6403	0.824	-0.0170
0.12	0.00	S 23	0.6314	0.838	-0.0466
0.62	0.00	S 25	0.6112	0.869	-0.1139
-0.38	-0.25	S 26	0.6416	0.822	-0.0129
0.12	-0.25	S 28	0.6333	0.835	-0.0405
0.62	-0.25	S 30	0.6121	0.868	-0.1108

(K) RUN= 45 ALPHA= 0 DEG MINF=0.815 REC= 8.29E+06  
PT= 4.78 ATM= 70.3 PSIA TT= 253. DEG K= 455. DEG R

(L) RUN=176-1 ALPHA= 0 DEG MINF=0.830 REC= 1.91E+06  
PT= 1.19 ATM= 17.5 PSIA TT= 269. DEG K= 485. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6368	0.829	-0.0308
3.09	0.25	S 3	0.6364	0.830	-0.0321
2.59	0.25	S 5	0.6387	0.827	-0.0244
3.59	0.00	S 6	0.6374	0.829	-0.0288
3.09	0.00	S 8	0.6382	0.827	-0.0262
2.59	0.00	S 10	0.6408	0.823	-0.0175
3.59	-0.25	S 11	0.6368	0.830	-0.0310
3.09	-0.25	S 13	0.6361	0.831	-0.0333
2.59	-0.25	S 15	0.6388	0.826	-0.0241

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6188	0.857	-0.0576
3.09	0.25	S 3	0.6178	0.859	-0.0607
2.59	0.25	S 5	0.6207	0.854	-0.0511
3.59	0.00	S 6	0.6195	0.856	-0.0550
3.09	0.00	S 8	0.6217	0.853	-0.0481
2.59	0.00	S 10	0.6229	0.851	-0.0441
3.59	-0.25	S 11	0.6178	0.859	-0.0608
3.09	-0.25	S 13	0.6210	0.854	-0.0503
2.59	-0.25	S 15	0.6210	0.854	-0.0503

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6412	0.823	-0.0164
0.12	0.25	S 18	0.6345	0.833	-0.0386
0.62	0.25	S 20	0.6131	0.866	-0.1098
-0.38	0.00	S 21	0.6402	0.824	-0.0195
0.12	0.00	S 23	0.6326	0.836	-0.0450
0.62	0.00	S 25	0.6115	0.869	-0.1151
-0.38	-0.25	S 26	0.6416	0.822	-0.0148
0.12	-0.25	S 28	0.6335	0.835	-0.0420
0.62	-0.25	S 30	0.6126	0.867	-0.1113

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6291	0.841	-0.0239
0.12	0.25	S 18	0.6198	0.856	-0.0543
0.62	0.25	S 20	0.5885	0.904	-0.1561
-0.38	0.00	S 21	0.6284	0.842	-0.0262
0.12	0.00	S 23	0.6188	0.857	-0.0573
0.62	0.00	S 25	0.6000	0.900	-0.0000
-0.38	-0.25	S 26	0.6261	0.846	-0.0336
0.12	-0.25	S 28	0.6205	0.855	-0.0518
0.62	-0.25	S 30	0.5895	0.903	-0.1530

TABLE D-I. — CHANNEL SIDEWALL PLUGS PRESSURE DATA; ALPHA = 0 DEG — Continued

(M) RUN=177-2 ALPHA= 0 DEG MINF=0.829 REC= 3.99E+06  
PT= 2.44 ATM= 35.8 PSIA TT= 266. DEG K= 478. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6249	0.848	-0.0391
3.09	0.25	S 3	0.6250	0.848	-0.0390
2.59	0.25	S 5	0.6259	0.846	-0.0359
3.59	0.00	S 6	0.6250	0.848	-0.0388
3.09	0.00	S 8	0.6313	0.838	-0.0183
2.59	0.00	S 10	0.6283	0.843	-0.0282
3.59	-0.25	S 11	0.6241	0.849	-0.0419
3.09	-0.25	S 13	0.6226	0.851	-0.0468
2.59	-0.25	S 15	0.6243	0.849	-0.0411

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6303	0.840	-0.0218
0.12	0.25	S 18	0.6226	0.851	-0.0469
0.62	0.25	S 20	0.5956	0.893	-0.1349
-0.38	0.00	S 21	0.6307	0.839	-0.0202
0.12	0.00	S 23	0.6206	0.855	-0.0534
0.62	0.00	S 25	0.0000	0.000	0.0000
-0.38	-0.25	S 26	0.6321	0.837	-0.0157
0.12	-0.25	S 28	0.6219	0.853	-0.0492
0.62	-0.25	S 30	0.5963	0.892	-0.1324

(N) RUN=178 ALPHA= 0 DEG MINF=0.827 REC= 5.99E+06  
PT= 3.52 ATM= 51.8 PSIA TT= 258. DEG K= 464. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6269	0.845	-0.0384
3.09	0.25	S 3	0.6278	0.843	-0.0354
2.59	0.25	S 5	0.6281	0.843	-0.0346
3.59	0.00	S 6	0.6287	0.842	-0.0327
3.09	0.00	S 8	0.6284	0.842	-0.0334
2.59	0.00	S 10	0.6297	0.840	-0.0293
3.59	-0.25	S 11	0.6269	0.845	-0.0386
3.09	-0.25	S 13	0.6261	0.846	-0.0411
2.59	-0.25	S 15	0.6284	0.842	-0.0335

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6323	0.837	-0.0209
0.12	0.25	S 18	0.6252	0.847	-0.0442
0.62	0.25	S 20	0.5997	0.887	-0.1274
-0.38	0.00	S 21	0.6325	0.836	-0.0203
0.12	0.00	S 23	0.6228	0.851	-0.0520
0.62	0.00	S 25	0.0000	0.000	0.0000
-0.38	-0.25	S 26	0.6328	0.836	-0.0192
0.12	-0.25	S 28	0.6238	0.850	-0.0487
0.62	-0.25	S 30	0.5994	0.887	-0.1284

(O) RUN=180 ALPHA= 0 DEG MINF=0.827 REC= 8.05E+06  
PT= 4.82 ATM= 70.8 PSIA TT= 261. DEG K= 470. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6278	0.843	-0.0370
3.09	0.25	S 3	0.6272	0.844	-0.0390
2.59	0.25	S 5	0.6289	0.842	-0.0332
3.59	0.00	S 6	0.6281	0.843	-0.0360
3.09	0.00	S 8	0.6284	0.842	-0.0349
2.59	0.00	S 10	0.6304	0.839	-0.0284
3.59	-0.25	S 11	0.6277	0.844	-0.0374
3.09	-0.25	S 13	0.6281	0.843	-0.0358
2.59	-0.25	S 15	0.6289	0.842	-0.0333

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6334	0.835	-0.0187
0.12	0.25	S 18	0.6238	0.850	-0.0500
0.62	0.25	S 20	0.5993	0.888	-0.1304
-0.38	0.00	S 21	0.6326	0.836	-0.0213
0.12	0.00	S 23	0.6222	0.852	-0.0554
0.62	0.00	S 25	0.0000	0.000	0.0000
-0.38	-0.25	S 26	0.6333	0.835	-0.0190
0.12	-0.25	S 28	0.6231	0.851	-0.0523
0.62	-0.25	S 30	0.5991	0.888	-0.1310

(P) RUN=176-2 ALPHA= 0 DEG MINF=0.838 REC= 2.01E+06  
PT= 1.22 ATM= 18.0 PSIA TT= 265. DEG K= 477. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6109	0.870	-0.0677
3.09	0.25	S 3	0.6100	0.871	-0.0705
2.59	0.25	S 5	0.6128	0.867	-0.0616
3.59	0.00	S 6	0.6117	0.868	-0.0651
3.09	0.00	S 8	0.6137	0.865	-0.0586
2.59	0.00	S 10	0.6149	0.863	-0.0547
3.59	-0.25	S 11	0.6099	0.871	-0.0708
3.09	-0.25	S 13	0.6085	0.873	-0.0753
2.59	-0.25	S 15	0.6130	0.866	-0.0607

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6220	0.852	-0.0317
0.12	0.25	S 18	0.6119	0.868	-0.0644
0.62	0.25	S 20	0.5758	0.924	-0.1807
-0.38	0.00	S 21	0.6225	0.852	-0.0303
0.12	0.00	S 23	0.6110	0.869	-0.0673
0.62	0.00	S 25	0.0000	0.000	0.0000
-0.38	-0.25	S 26	0.6212	0.854	-0.0344
0.12	-0.25	S 28	0.6136	0.865	-0.0588
0.62	-0.25	S 30	0.5779	0.921	-0.1742

TABLE D-I. — CHANNEL SIDEWALL PLUGS PRESSURE DATA; ALPHA = 0 DEG — Concluded

(Q) RUN=177-1 ALPHA= 0 DEG MINF=0.839 REC= 4.00E+06  
PT= 2.44 ATM= 35.9 PSIA TT= 266. DEG K= 479. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6143	0.864	-0.0524
3.09	0.25	S 3	0.6136	0.865	-0.0543
2.59	0.25	S 5	0.6161	0.862	-0.0466
3.59	0.00	S 6	0.6149	0.863	-0.0504
3.09	0.00	S 8	0.6222	0.852	-0.0268
2.59	0.00	S 10	0.6176	0.859	-0.0416
3.59	-0.25	S 11	0.6128	0.867	-0.0571
3.09	-0.25	S 13	0.6141	0.864	-0.0527
2.59	-0.25	S 15	0.6153	0.863	-0.0489

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6246	0.848	-0.0190
0.12	0.25	S 18	0.6141	0.865	-0.0529
0.62	0.25	S 20	0.5803	0.917	-0.1615
-0.38	0.00	S 21	0.6246	0.848	-0.0192
0.12	0.00	S 23	0.6115	0.869	-0.0612
0.62	0.00	S 25	0.0000	0.000	0.0000
-0.38	-0.25	S 26	0.6238	0.850	-0.0217
0.12	-0.25	S 28	0.6140	0.865	-0.0531
0.62	-0.25	S 30	0.5805	0.917	-0.1609

(R) RUN=179 ALPHA= 0 DEG MINF=0.839 REC= 5.99E+06  
PT= 3.54 ATM= 52.0 PSIA TT= 260. DEG K= 468. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6162	0.861	-0.0461
3.09	0.25	S 3	0.6159	0.862	-0.0472
2.59	0.25	S 5	0.6173	0.860	-0.0426
3.59	0.00	S 6	0.6173	0.860	-0.0426
3.09	0.00	S 8	0.6173	0.860	-0.0426
2.59	0.00	S 10	0.6194	0.856	-0.0359
3.59	-0.25	S 11	0.6159	0.862	-0.0472
3.09	-0.25	S 13	0.6180	0.859	-0.0405
2.59	-0.25	S 15	0.6177	0.859	-0.0414

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6254	0.847	-0.0168
0.12	0.25	S 18	0.6154	0.863	-0.0489
0.62	0.25	S 20	0.5825	0.914	-0.1545
-0.38	0.00	S 21	0.6247	0.848	-0.0188
0.12	0.00	S 23	0.6133	0.866	-0.0555
0.62	0.00	S 25	0.0000	0.000	0.0000
-0.38	-0.25	S 26	0.6249	0.848	-0.0184
0.12	-0.25	S 28	0.6144	0.864	-0.0519
0.62	-0.25	S 30	0.5818	0.915	-0.1570

(S) RUN=175 ALPHA= 0 DEG MINF=0.836 REC= 7.85E+06  
PT= 4.62 ATM= 67.9 PSIA TT= 259. DEG K= 466. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6195	0.856	-0.0427
3.09	0.25	S 3	0.6184	0.858	-0.0462
2.59	0.25	S 5	0.6200	0.855	-0.0413
3.59	0.00	S 6	0.6196	0.856	-0.0424
3.09	0.00	S 8	0.6202	0.855	-0.0404
2.59	0.00	S 10	0.6226	0.851	-0.0327
3.59	-0.25	S 11	0.6193	0.856	-0.0433
3.09	-0.25	S 13	0.6194	0.856	-0.0430
2.59	-0.25	S 15	0.6212	0.854	-0.0374

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6264	0.846	-0.0204
0.12	0.25	S 18	0.6174	0.860	-0.0497
0.62	0.25	S 20	0.5853	0.909	-0.1532
-0.38	0.00	S 21	0.6262	0.846	-0.0210
0.12	0.00	S 23	0.6151	0.863	-0.0570
0.62	0.00	S 25	0.0000	0.000	0.0000
-0.38	-0.25	S 26	0.6269	0.845	-0.0187
0.12	-0.25	S 28	0.6169	0.860	-0.0510
0.62	-0.25	S 30	0.5850	0.910	-0.1542

TABLE D-II. - CHANNEL SIDEWALL PLUGS PRESSURE DATA; ALPHA = 1 DEG

(A) RUN= 69 ALPHA= 1 DEG MINF=0.499 REC= 6.00E+06  
PT= 4.91 ATM= 72.2 PSIA TT= 258. DEG K= 464. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.8427	0.501	-0.0056
3.09	0.25	S 3	0.8429	0.500	-0.0041
2.59	0.25	S 5	0.8420	0.502	-0.0099
3.59	0.00	S 6	0.8424	0.501	-0.0074
3.09	0.00	S 8	0.8426	0.501	-0.0060
2.59	0.00	S 10	0.8438	0.499	0.0019
3.59	-0.25	S 11	0.8424	0.501	-0.0077
3.09	-0.25	S 13	0.8425	0.501	-0.0067
2.59	-0.25	S 15	0.8429	0.500	-0.0042

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.8426	0.501	-0.0062
0.12	0.25	S 18	0.8419	0.502	-0.0109
0.62	0.25	S 20	0.8386	0.508	-0.0336
-0.38	0.00	S 21	0.8416	0.502	-0.0127
0.12	0.00	S 23	0.8407	0.504	-0.0187
0.62	0.00	S 25	0.8385	0.508	-0.0342
-0.38	-0.25	S 26	0.8437	0.499	0.0013
0.12	-0.25	S 28	0.8419	0.502	-0.0110
0.62	-0.25	S 30	0.8394	0.506	-0.0276

(B) RUN= 67 ALPHA= 1 DEG MINF=0.601 REC= 5.84E+06  
PT= 4.15 ATM= 61.1 PSIA TT= 257. DEG K= 463. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.7808	0.605	-0.0123
3.09	0.25	S 3	0.7812	0.605	-0.0104
2.59	0.25	S 5	0.7809	0.605	-0.0118
3.59	0.00	S 6	0.7813	0.604	-0.0098
3.09	0.00	S 8	0.7810	0.605	-0.0112
2.59	0.00	S 10	0.7821	0.603	-0.0057
3.59	-0.25	S 11	0.7801	0.606	-0.0159
3.09	-0.25	S 13	0.7799	0.607	-0.0168
2.59	-0.25	S 15	0.7809	0.605	-0.0120

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.7813	0.604	-0.0100
0.12	0.25	S 18	0.7793	0.608	-0.0198
0.62	0.25	S 20	0.7748	0.615	-0.0428
-0.38	0.00	S 21	0.7801	0.606	-0.0161
0.12	0.00	S 23	0.7769	0.611	-0.0319
0.62	0.00	S 25	0.7743	0.616	-0.0450
-0.38	-0.25	S 26	0.7813	0.604	-0.0098
0.12	-0.25	S 28	0.7794	0.607	-0.0194
0.62	-0.25	S 30	0.0000	0.000	0.0000

(C) RUN= 66 ALPHA= 1 DEG MINF=0.695 REC= 5.95E+06  
PT= 3.85 ATM= 56.5 PSIA TT= 257. DEG K= 463. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.7203	0.701	-0.0171
3.09	0.25	S 3	0.7208	0.700	-0.0154
2.59	0.25	S 5	0.7213	0.699	-0.0132
3.59	0.00	S 6	0.7208	0.700	-0.0151
3.09	0.00	S 8	0.7215	0.699	-0.0124
2.59	0.00	S 10	0.7225	0.698	-0.0084
3.59	-0.25	S 11	0.7210	0.700	-0.0143
3.09	-0.25	S 13	0.7213	0.699	-0.0134
2.59	-0.25	S 15	0.7212	0.700	-0.0138

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.7219	0.699	-0.0108
0.12	0.25	S 18	0.7188	0.703	-0.0233
0.62	0.25	S 20	0.7114	0.715	-0.0538
-0.38	0.00	S 21	0.7206	0.700	-0.0159
0.12	0.00	S 23	0.7173	0.706	-0.0296
0.62	0.00	S 25	0.7110	0.715	-0.0552
-0.38	-0.25	S 26	0.7223	0.698	-0.0091
0.12	-0.25	S 28	0.7186	0.704	-0.0244
0.62	-0.25	S 30	0.7083	0.720	-0.0662

(D) RUN= 62 ALPHA= 1 DEG MINF=0.819 REC= 2.00E+06  
PT= 1.23 ATM= 18.1 PSIA TT= 266. DEG K= 478. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6310	0.838	-0.0435
3.09	0.25	S 3	0.6300	0.840	-0.0467
2.59	0.25	S 5	0.6330	0.835	-0.0369
3.59	0.00	S 6	0.6307	0.839	-0.0444
3.09	0.00	S 8	0.6329	0.836	-0.0374
2.59	0.00	S 10	0.6332	0.835	-0.0361
3.59	-0.25	S 11	0.6328	0.836	-0.0375
3.09	-0.25	S 13	0.6298	0.840	-0.0476
2.59	-0.25	S 15	0.6323	0.836	-0.0391

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6391	0.826	-0.0167
0.12	0.25	S 18	0.6295	0.841	-0.0486
0.62	0.25	S 20	0.6079	0.874	-0.1201
-0.38	0.00	S 21	0.6365	0.830	-0.0252
0.12	0.00	S 23	0.6270	0.845	-0.0567
0.62	0.00	S 25	0.6015	0.884	-0.1413
-0.38	-0.25	S 26	0.6423	0.821	-0.0061
0.12	-0.25	S 28	0.6282	0.843	-0.0528
0.62	-0.25	S 30	0.6065	0.876	-0.1248

TABLE D-II. - CHANNEL SIDEWALL PLUGS PRESSURE DATA; ALPHA = 1 DEG - Continued

(E) RUN= 64 ALPHA= 1 DEG MINF=0.817 REC= 3.89E+06  
PT= 2.31 ATM= 34.0 PSIA TT= 259. DEG K= 466. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6332	0.835	-0.0400
3.09	0.25	S 3	0.6324	0.836	-0.0426
2.59	0.25	S 5	0.6351	0.832	-0.0337
3.59	0.00	S 6	0.6328	0.836	-0.0413
3.09	0.00	S 8	0.6343	0.833	-0.0363
2.59	0.00	S 10	0.6358	0.831	-0.0313
3.59	-0.25	S 11	0.6328	0.836	-0.0414
3.09	-0.25	S 13	0.6344	0.833	-0.0359
2.59	-0.25	S 15	0.6350	0.832	-0.0340

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6388	0.826	-0.0214
0.12	0.25	S 18	0.6301	0.840	-0.0504
0.62	0.25	S 20	0.6081	0.874	-0.1235
-0.38	0.00	S 21	0.6382	0.827	-0.0236
0.12	0.00	S 23	0.6291	0.841	-0.0535
0.62	0.00	S 25	0.6077	0.874	-0.1248
-0.38	-0.25	S 26	0.6398	0.825	-0.0182
0.12	-0.25	S 28	0.6316	0.838	-0.0455
0.62	-0.25	S 30	0.6089	0.873	-0.1207

(G) RUN= 65 ALPHA= 1 DEG MINF=0.814 REC= 7.78E+06  
PT= 4.56 ATM= 67.1 PSIA TT= 255. DEG K= 460. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6378	0.828	-0.0314
3.09	0.25	S 3	0.6376	0.828	-0.0322
2.59	0.25	S 5	0.6393	0.826	-0.0263
3.59	0.00	S 6	0.6388	0.826	-0.0280
3.09	0.00	S 8	0.6392	0.826	-0.0268
2.59	0.00	S 10	0.6404	0.824	-0.0226
3.59	-0.25	S 11	0.6375	0.828	-0.0325
3.09	-0.25	S 13	0.6371	0.829	-0.0337
2.59	-0.25	S 15	0.6388	0.827	-0.0283

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6414	0.822	-0.0194
0.12	0.25	S 18	0.6349	0.832	-0.0410
0.62	0.25	S 20	0.6133	0.866	-0.1130
-0.38	0.00	S 21	0.6415	0.822	-0.0191
0.12	0.00	S 23	0.6319	0.837	-0.0510
0.62	0.00	S 25	0.6119	0.868	-0.1178
-0.38	-0.25	S 26	0.6423	0.821	-0.0164
0.12	-0.25	S 28	0.6355	0.831	-0.0390
0.62	-0.25	S 30	0.6143	0.864	-0.1097

(F) RUN= 63 ALPHA= 1 DEG MINF=0.815 REC= 6.00E+06  
PT= 3.58 ATM= 52.6 PSIA TT= 259. DEG K= 466. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6351	0.832	-0.0368
3.09	0.25	S 3	0.6353	0.832	-0.0362
2.59	0.25	S 5	0.6372	0.829	-0.0300
3.59	0.00	S 6	0.6367	0.830	-0.0315
3.09	0.00	S 8	0.6365	0.830	-0.0322
2.59	0.00	S 10	0.6383	0.827	-0.0261
3.59	-0.25	S 11	0.6354	0.832	-0.0357
3.09	-0.25	S 13	0.6346	0.833	-0.0384
2.59	-0.25	S 15	0.6368	0.829	-0.0311

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6397	0.825	-0.0217
0.12	0.25	S 18	0.6331	0.835	-0.0435
0.62	0.25	S 20	0.6105	0.870	-0.1187
-0.38	0.00	S 21	0.6398	0.825	-0.0210
0.12	0.00	S 23	0.6315	0.838	-0.0488
0.62	0.00	S 25	0.6111	0.869	-0.1166
-0.38	-0.25	S 26	0.6460	0.823	-0.0179
0.12	-0.25	S 28	0.6330	0.835	-0.0437
0.62	-0.25	S 30	0.6124	0.867	-0.1125

(H) RUN=172 ALPHA= 1 DEG MINF=0.826 REC= 7.95E+06  
PT= 4.72 ATM= 69.3 PSIA TT= 259. DEG K= 467. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6294	0.841	-0.0317
3.09	0.25	S 3	0.6303	0.840	-0.0287
2.59	0.25	S 5	0.6308	0.839	-0.0270
3.59	0.00	S 6	0.6290	0.842	-0.0329
3.09	0.00	S 8	0.6294	0.841	-0.0315
2.59	0.00	S 10	0.6303	0.840	-0.0286
3.59	-0.25	S 11	0.6286	0.842	-0.0343
3.09	-0.25	S 13	0.6290	0.842	-0.0329
2.59	-0.25	S 15	0.6303	0.840	-0.0286

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6342	0.833	-0.0157
0.12	0.25	S 18	0.6255	0.847	-0.0442
0.62	0.25	S 20	0.5982	0.889	-0.1336
-0.38	0.00	S 21	0.6336	0.834	-0.0176
0.12	0.00	S 23	0.6237	0.850	-0.0501
0.62	0.00	S 25	0.5977	0.890	-0.1354
-0.38	-0.25	S 26	0.6343	0.833	-0.0154
0.12	-0.25	S 28	0.6254	0.847	-0.0447
0.62	-0.25	S 30	0.5998	0.887	-0.1284

TABLE D-II. - CHANNEL SIDEWALL PLUGS PRESSURE DATA, ALPHA = 1 DEG - Concluded

(I) RUN=170 ALPHA= 1 DEG MINF=0.840 REC= 5.99E+06  
PT= 3.54 ATM= 52.1 PSIA TT= 260. DEG K= 469. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6154	0.863	-0.0476
3.09	0.25	S 3	0.6160	0.862	-0.0456
2.59	0.25	S 5	0.6157	0.862	-0.0466
3.59	0.00	S 6	0.6158	0.862	-0.0464
3.09	0.00	S 8	0.0000	0.000	0.0000
2.59	0.00	S 10	0.6178	0.859	-0.0400
3.59	-0.25	S 11	0.6153	0.863	-0.0478
3.09	-0.25	S 13	0.6145	0.864	-0.0503
2.59	-0.25	S 15	0.6165	0.861	-0.0441

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6236	0.850	-0.0212
0.12	0.25	S 18	0.6130	0.866	-0.0553
0.62	0.25	S 20	0.5783	0.920	-0.1668
-0.38	0.00	S 21	0.6241	0.849	-0.0195
0.12	0.00	S 23	0.6132	0.866	-0.0548
0.62	0.00	S 25	0.5777	0.921	-0.1688
-0.38	-0.25	S 26	0.6243	0.849	-0.0191
0.12	-0.25	S 28	0.6136	0.865	-0.0534
0.62	-0.25	S 30	0.5811	0.916	-0.1579

(J) RUN=171 ALPHA= 1 DEG MINF=0.835 REC= 7.91E+06  
PT= 4.69 ATM= 68.9 PSIA TT= 260. DEG K= 468. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6204	0.855	-0.0422
3.09	0.25	S 3	0.6207	0.854	-0.0412
2.59	0.25	S 5	0.6214	0.853	-0.0387
3.59	0.00	S 6	0.6193	0.856	-0.0450
3.09	0.00	S 8	0.6200	0.855	-0.0433
2.59	0.00	S 10	0.6210	0.854	-0.0401
3.59	-0.25	S 11	0.6192	0.857	-0.0460
3.09	-0.25	S 13	0.6188	0.857	-0.0474
2.59	-0.25	S 15	0.6216	0.853	-0.0382

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6270	0.845	-0.0207
0.12	0.25	S 18	0.6174	0.859	-0.0517
0.62	0.25	S 20	0.5835	0.912	-0.1616
-0.38	0.00	S 21	0.6272	0.844	-0.0202
0.12	0.00	S 23	0.6153	0.863	-0.0587
0.62	0.00	S 25	0.5819	0.915	-0.1666
-0.38	-0.25	S 26	0.6274	0.844	-0.0195
0.12	-0.25	S 28	0.6173	0.860	-0.0520
0.62	-0.25	S 30	0.5853	0.909	-0.1558

TABLE D-III. - CHANNEL SIDEWALL PLUGS PRESSURE DATA; ALPHA = 2 DEG

(A) RUN= 51 ALPHA= 2 DEG MINF=0.500 REC= 6.05E+06  
PT= 4.77 ATM= 70.2 PSIA TT= 251. DEG K= 451. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.8415	0.503	-0.0123
3.09	0.25	S 3	0.8416	0.503	-0.0119
2.59	0.25	S 5	0.8412	0.503	-0.0147
3.59	0.00	S 6	0.8407	0.504	-0.0178
3.09	0.00	S 8	0.8416	0.503	-0.0119
2.59	0.00	S 10	0.8420	0.502	-0.0087
3.59	-0.25	S 11	0.8417	0.502	-0.0112
3.09	-0.25	S 13	0.8420	0.502	-0.0091
2.59	-0.25	S 15	0.8418	0.502	-0.0105

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.8414	0.503	-0.0129
0.12	0.25	S 18	0.8402	0.505	-0.0212
0.62	0.25	S 20	0.8376	0.510	-0.0389
-0.38	0.00	S 21	0.8412	0.503	-0.0145
0.12	0.00	S 23	0.8391	0.507	-0.0288
0.62	0.00	S 25	0.8379	0.509	-0.0365
-0.38	-0.25	S 26	0.8426	0.501	-0.0051
0.12	-0.25	S 28	0.8408	0.504	-0.0172
0.62	-0.25	S 30	0.8383	0.508	-0.0340

(C) RUN= 53 ALPHA= 2 DEG MINF=0.695 REC= 6.02E+06  
PT= 3.82 ATM= 56.1 PSIA TT= 254. DEG K= 457. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.7208	0.700	-0.0150
3.09	0.25	S 3	0.7198	0.702	-0.0189
2.59	0.25	S 5	0.7209	0.700	-0.0146
3.59	0.00	S 6	0.7199	0.702	-0.0184
3.09	0.00	S 8	0.7210	0.700	-0.0142
2.59	0.00	S 10	0.7225	0.698	-0.0080
3.59	-0.25	S 11	0.7206	0.700	-0.0155
3.09	-0.25	S 13	0.7206	0.700	-0.0156
2.59	-0.25	S 15	0.7215	0.699	-0.0118

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.7217	0.699	-0.0112
0.12	0.25	S 18	0.7182	0.704	-0.0255
0.62	0.25	S 20	0.7112	0.715	-0.0541
-0.38	0.00	S 21	0.7219	0.699	-0.0104
0.12	0.00	S 23	0.7167	0.707	-0.0314
0.62	0.00	S 25	0.7113	0.715	-0.0535
-0.38	-0.25	S 26	0.7238	0.696	-0.0027
0.12	-0.25	S 28	0.7185	0.704	-0.0240
0.62	-0.25	S 30	0.7127	0.713	-0.0478

(B) RUN= 52 ALPHA= 2 DEG MINF=0.602 REC= 6.07E+06  
PT= 4.16 ATM= 61.2 PSIA TT= 251. DEG K= 451. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.7820	0.603	-0.0049
3.09	0.25	S 3	0.7808	0.605	-0.0108
2.59	0.25	S 5	0.7817	0.604	-0.0062
3.59	0.00	S 6	0.7818	0.604	-0.0060
3.09	0.00	S 8	0.7820	0.603	-0.0047
2.59	0.00	S 10	0.7826	0.602	-0.0021
3.59	-0.25	S 11	0.7814	0.604	-0.0081
3.09	-0.25	S 13	0.7813	0.604	-0.0085
2.59	-0.25	S 15	0.7818	0.604	-0.0060

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.7816	0.604	-0.0068
0.12	0.25	S 18	0.7800	0.606	-0.0148
0.62	0.25	S 20	0.7749	0.615	-0.0405
-0.38	0.00	S 21	0.7817	0.604	-0.0063
0.12	0.00	S 23	0.7784	0.609	-0.0230
0.62	0.00	S 25	0.7753	0.614	-0.0389
-0.38	-0.25	S 26	0.7825	0.602	-0.0025
0.12	-0.25	S 28	0.7808	0.605	-0.0108
0.62	-0.25	S 30	0.7767	0.612	-0.0315

(D) RUN=189 ALPHA= 2 DEG MINF=0.796 REC= 8.03E+06  
PT= 4.86 ATM= 71.5 PSIA TT= 260. DEG K= 468. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6515	0.807	-0.0243
3.09	0.25	S 3	0.6521	0.806	-0.0222
2.59	0.25	S 5	0.6521	0.806	-0.0222
3.59	0.00	S 6	0.6522	0.806	-0.0218
3.09	0.00	S 8	0.6527	0.805	-0.0201
2.59	0.00	S 10	0.6547	0.802	-0.0133
3.59	-0.25	S 11	0.6527	0.805	-0.0203
3.09	-0.25	S 13	0.6524	0.806	-0.0211
2.59	-0.25	S 15	0.6528	0.805	-0.0199

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6547	0.802	-0.0134
0.12	0.25	S 18	0.6471	0.814	-0.0395
0.62	0.25	S 20	0.6312	0.838	-0.0939
-0.38	0.00	S 21	0.6542	0.803	-0.0151
0.12	0.00	S 23	0.6462	0.815	-0.0425
0.62	0.00	S 25	0.6347	0.833	-0.0817
-0.38	-0.25	S 26	0.6553	0.801	-0.0114
0.12	-0.25	S 28	0.6483	0.812	-0.0351
0.62	-0.25	S 30	0.6341	0.834	-0.0839

TABLE D-III. - CHANNEL SIDEWALL PLUGS PRESSURE DATA; ALPHA = 2 DEG - Continued

(E) RUN=191 ALPHA= 2 DEG MINF=0.806 REC= 7.91E+06  
PT= 4.73 ATM= 69.5 PSIA TT= 258. DEG K= 465. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6436	0.819	-0.0292
3.09	0.25	S 3	0.6446	0.817	-0.0256
2.59	0.25	S 5	0.6443	0.818	-0.0268
3.59	0.00	S 6	0.6449	0.817	-0.0245
3.09	0.00	S 8	0.6457	0.816	-0.0219
2.59	0.00	S 10	0.6474	0.813	-0.0162
3.59	-0.25	S 11	0.6447	0.817	-0.0254
3.09	-0.25	S 13	0.6444	0.818	-0.0264
2.59	-0.25	S 15	0.6457	0.816	-0.0220

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6472	0.813	-0.0168
0.12	0.25	S 18	0.6401	0.824	-0.0409
0.62	0.25	S 20	0.6213	0.853	-0.1042
-0.38	0.00	S 21	0.6476	0.813	-0.0157
0.12	0.00	S 23	0.6385	0.827	-0.0463
0.62	0.00	S 25	0.6246	0.848	-0.0931
-0.38	-0.25	S 26	0.6477	0.813	-0.0153
0.12	-0.25	S 28	0.6413	0.823	-0.0369
0.62	-0.25	S 30	0.6246	0.848	-0.0932

(F) RUN= 55 ALPHA= 2 DEG MINF=0.818 REC= 2.08E+06  
PT= 1.22 ATM= 18.0 PSIA TT= 256. DEG K= 462. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6286	0.842	-0.0534
3.09	0.25	S 3	0.6314	0.838	-0.0442
2.59	0.25	S 5	0.6305	0.839	-0.0469
3.59	0.00	S 6	0.6307	0.839	-0.0463
3.09	0.00	S 8	0.6309	0.839	-0.0459
2.59	0.00	S 10	0.6327	0.836	-0.0397
3.59	-0.25	S 11	0.6302	0.840	-0.0482
3.09	-0.25	S 13	0.6297	0.840	-0.0497
2.59	-0.25	S 15	0.6322	0.837	-0.0413

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6383	0.827	-0.0213
0.12	0.25	S 18	0.6278	0.843	-0.0561
0.62	0.25	S 20	0.6031	0.882	-0.1380
-0.38	0.00	S 21	0.6370	0.829	-0.0256
0.12	0.00	S 23	0.6295	0.841	-0.0503
0.62	0.00	S 25	0.6039	0.880	-0.1354
-0.38	-0.25	S 26	0.6396	0.825	-0.0169
0.12	-0.25	S 28	0.6301	0.840	-0.0485
0.62	-0.25	S 30	0.6070	0.876	-0.1250

(G) RUN= 56 ALPHA= 2 DEG MINF=0.816 REC= 3.85E+06  
PT= 2.24 ATM= 33.0 PSIA TT= 254. DEG K= 458. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6322	0.837	-0.0429
3.09	0.25	S 3	0.6320	0.837	-0.0436
2.59	0.25	S 5	0.6336	0.834	-0.0384
3.59	0.00	S 6	0.6334	0.835	-0.0389
3.09	0.00	S 8	0.6348	0.833	-0.0345
2.59	0.00	S 10	0.6365	0.830	-0.0289
3.59	-0.25	S 11	0.6331	0.835	-0.0400
3.09	-0.25	S 13	0.6321	0.837	-0.0433
2.59	-0.25	S 15	0.6347	0.833	-0.0347

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6392	0.826	-0.0196
0.12	0.25	S 18	0.6298	0.840	-0.0510
0.62	0.25	S 20	0.6068	0.876	-0.1273
-0.38	0.00	S 21	0.6395	0.825	-0.0187
0.12	0.00	S 23	0.6291	0.841	-0.0532
0.62	0.00	S 25	0.6063	0.877	-0.1289
-0.38	-0.25	S 26	0.6416	0.822	-0.0118
0.12	-0.25	S 28	0.6315	0.838	-0.0454
0.62	-0.25	S 30	0.6097	0.871	-0.1176

(H) RUN= 57 ALPHA= 2 DEG MINF=0.815 REC= 5.97E+06  
PT= 3.48 ATM= 51.1 PSIA TT= 254. DEG K= 458. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6358	0.831	-0.0344
3.09	0.25	S 3	0.6350	0.832	-0.0373
2.59	0.25	S 5	0.6369	0.829	-0.0307
3.59	0.00	S 6	0.6360	0.831	-0.0339
3.09	0.00	S 8	0.6372	0.829	-0.0297
2.59	0.00	S 10	0.6383	0.827	-0.0261
3.59	-0.25	S 11	0.6365	0.830	-0.0323
3.09	-0.25	S 13	0.6372	0.829	-0.0299
2.59	-0.25	S 15	0.6371	0.829	-0.0303

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6414	0.822	-0.0159
0.12	0.25	S 18	0.6329	0.836	-0.0443
0.62	0.25	S 20	0.6093	0.872	-0.1227
-0.38	0.00	S 21	0.6414	0.823	-0.0160
0.12	0.00	S 23	0.6330	0.835	-0.0438
0.62	0.00	S 25	0.6113	0.869	-0.1160
-0.38	-0.25	S 26	0.6428	0.820	-0.0114
0.12	-0.25	S 28	0.6330	0.835	-0.0438
0.62	-0.25	S 30	0.6130	0.866	-0.1102

TABLE D-III. - CHANNEL SIDEWALL PLUGS PRESSURE DATA; ALPHA = 2 DEG - Continued

(I) RUN= 58 ALPHA= 2 DEG MINF=0.814 REC= 8.01E+06  
PT= 4.70 ATM= 69.1 PSIA TT= 256. DEG K= 460. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6371	0.829	-0.0324
3.09	0.25	S 3	0.6362	0.831	-0.0355
2.59	0.25	S 5	0.6379	0.828	-0.0295
3.59	0.00	S 6	0.6371	0.829	-0.0324
3.09	0.00	S 8	0.6378	0.828	-0.0299
2.59	0.00	S 10	0.6390	0.826	-0.0261
3.59	-0.25	S 11	0.6371	0.829	-0.0323
3.09	-0.25	S 13	0.6375	0.828	-0.0310
2.59	-0.25	S 15	0.6384	0.827	-0.0282

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6414	0.822	-0.0180
0.12	0.25	S 18	0.6326	0.836	-0.0474
0.62	0.25	S 20	0.6090	0.872	-0.1260
-0.38	0.00	S 21	0.6415	0.822	-0.0177
0.12	0.00	S 23	0.6321	0.837	-0.0489
0.62	0.00	S 25	0.6101	0.871	-0.1223
-0.38	-0.25	S 26	0.6422	0.821	-0.0153
0.12	-0.25	S 28	0.6344	0.833	-0.0413
0.62	-0.25	S 30	0.6126	0.867	-0.1141

(J) RUN=185-2 ALPHA= 2 DEG MINF=0.829 REC= 2.05E+06  
PT= 1.23 ATM= 18.1 PSIA TT= 262. DEG K= 471. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6165	0.861	-0.0683
3.09	0.25	S 3	0.6169	0.860	-0.0669
2.59	0.25	S 5	0.6229	0.851	-0.0472
3.59	0.00	S 6	0.6210	0.854	-0.0535
3.09	0.00	S 8	0.6195	0.856	-0.0586
2.59	0.00	S 10	0.6241	0.849	-0.0435
3.59	-0.25	S 11	0.6139	0.865	-0.0768
3.09	-0.25	S 13	0.6178	0.859	-0.0641
2.59	-0.25	S 15	0.6195	0.856	-0.0586

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6290	0.842	-0.0275
0.12	0.25	S 18	0.6173	0.860	-0.0658
0.62	0.25	S 20	0.5825	0.914	-0.1793
-0.38	0.00	S 21	0.6298	0.840	-0.0248
0.12	0.00	S 23	0.6177	0.859	-0.0642
0.62	0.00	S 25	0.5920	0.899	-0.1481
-0.38	-0.25	S 26	0.6000	0.900	-0.0000
0.12	-0.25	S 28	0.6195	0.856	-0.0584
0.62	-0.25	S 30	0.5893	0.903	-0.1572

(K) RUN=193 ALPHA= 2 DEG MINF=0.830 REC= 4.00E+06  
PT= 2.38 ATM= 35.0 PSIA TT= 261. DEG K= 469. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6230	0.851	-0.0431
3.09	0.25	S 3	0.6235	0.850	-0.0416
2.59	0.25	S 5	0.6250	0.848	-0.0368
3.59	0.00	S 6	0.6237	0.850	-0.0408
3.09	0.00	S 8	0.6248	0.848	-0.0373
2.59	0.00	S 10	0.6271	0.844	-0.0297
3.59	-0.25	S 11	0.6232	0.850	-0.0424
3.09	-0.25	S 13	0.6242	0.849	-0.0393
2.59	-0.25	S 15	0.6250	0.848	-0.0366

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6308	0.839	-0.0177
0.12	0.25	S 18	0.6218	0.853	-0.0470
0.62	0.25	S 20	0.5923	0.898	-0.1430
-0.38	0.00	S 21	0.6323	0.836	-0.0128
0.12	0.00	S 23	0.6209	0.854	-0.0499
0.62	0.00	S 25	0.5979	0.890	-0.1249
-0.38	-0.25	S 26	0.6310	0.838	-0.0169
0.12	-0.25	S 28	0.6236	0.850	-0.0412
0.62	-0.25	S 30	0.5969	0.891	-0.1281

(L) RUN=192 ALPHA= 2 DEG MINF=0.830 REC= 5.97E+06  
PT= 3.52 ATM= 51.7 PSIA TT= 258. DEG K= 465. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6238	0.850	-0.0414
3.09	0.25	S 3	0.6248	0.848	-0.0383
2.59	0.25	S 5	0.6250	0.848	-0.0375
3.59	0.00	S 6	0.6250	0.848	-0.0376
3.09	0.00	S 8	0.6254	0.847	-0.0361
2.59	0.00	S 10	0.6271	0.844	-0.0306
3.59	-0.25	S 11	0.6248	0.848	-0.0382
3.09	-0.25	S 13	0.6235	0.850	-0.0424
2.59	-0.25	S 15	0.6258	0.846	-0.0348

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6320	0.837	-0.0148
0.12	0.25	S 18	0.6213	0.853	-0.0494
0.62	0.25	S 20	0.5928	0.898	-0.1425
-0.38	0.00	S 21	0.6314	0.838	-0.0166
0.12	0.00	S 23	0.6208	0.854	-0.0513
0.62	0.00	S 25	0.5967	0.891	-0.1296
-0.38	-0.25	S 26	0.6331	0.835	-0.0113
0.12	-0.25	S 28	0.6231	0.851	-0.0436
0.62	-0.25	S 30	0.5961	0.893	-0.1318

TABLE D-III. — CHANNEL SIDEWALL PLUGS PRESSURE DATA; ALPHA = 2 DEG — Continued

(M) RUN=188 ALPHA= 2 DEG MINF=0.829 REC= 7.96E+06  
PT= 4.70 ATM= 69.1 PSIA TT= 259. DEG K= 465. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6249	0.848	-0.0399
3.09	0.25	S 3	0.6258	0.846	-0.0369
2.59	0.25	S 5	0.6257	0.847	-0.0373
3.59	0.00	S 6	0.6257	0.847	-0.0371
3.09	0.00	S 8	0.6267	0.845	-0.0339
2.59	0.00	S 10	0.6288	0.842	-0.0272
3.59	-0.25	S 11	0.6267	0.845	-0.0339
3.09	-0.25	S 13	0.6267	0.845	-0.0339
2.59	-0.25	S 15	0.6270	0.845	-0.0330

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6320	0.837	-0.0167
0.12	0.25	S 18	0.6218	0.853	-0.0498
0.62	0.25	S 20	0.5919	0.899	-0.1475
-0.38	0.00	S 21	0.6316	0.837	-0.0178
0.12	0.00	S 23	0.6213	0.853	-0.0517
0.62	0.00	S 25	0.5956	0.893	-0.1353
-0.38	-0.25	S 26	0.6322	0.837	-0.0162
0.12	-0.25	S 28	0.6234	0.850	-0.0446
0.62	-0.25	S 30	0.5959	0.893	-0.1345

(N) RUN=185-1 ALPHA= 2 DEG MINF=0.841 REC= 1.98E+06  
PT= 1.20 ATM= 17.7 PSIA TT= 266. DEG K= 478. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6061	0.877	-0.0769
3.09	0.25	S 3	0.6051	0.878	-0.0798
2.59	0.25	S 5	0.6130	0.866	-0.0546
3.59	0.00	S 6	0.6109	0.870	-0.0614
3.09	0.00	S 8	0.6104	0.870	-0.0631
2.59	0.00	S 10	0.6129	0.866	-0.0548
3.59	-0.25	S 11	0.6034	0.881	-0.0855
3.09	-0.25	S 13	0.6086	0.873	-0.0688
2.59	-0.25	S 15	0.6092	0.872	-0.0667

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6236	0.850	-0.0204
0.12	0.25	S 18	0.6103	0.870	-0.0632
0.62	0.25	S 20	0.5690	0.935	-0.1960
-0.38	0.00	S 21	0.6221	0.852	-0.0253
0.12	0.00	S 23	0.6096	0.871	-0.0654
0.62	0.00	S 25	0.5779	0.921	-0.1675
-0.38	-0.25	S 26	0.6000	0.900	-0.0000
0.12	-0.25	S 28	0.6107	0.870	-0.0620
0.62	-0.25	S 30	0.5726	0.929	-0.1845

(O) RUN=186 ALPHA= 2 DEG MINF=0.839 REC= 3.94E+06  
PT= 2.32 ATM= 34.1 PSIA TT= 259. DEG K= 466. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6124	0.867	-0.0584
3.09	0.25	S 3	0.6136	0.865	-0.0546
2.59	0.25	S 5	0.6140	0.865	-0.0535
3.59	0.00	S 6	0.6129	0.866	-0.0569
3.09	0.00	S 8	0.6137	0.865	-0.0543
2.59	0.00	S 10	0.6159	0.862	-0.0472
3.59	-0.25	S 11	0.6133	0.866	-0.0557
3.09	-0.25	S 13	0.6126	0.867	-0.0577
2.59	-0.25	S 15	0.6147	0.864	-0.0510

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6230	0.851	-0.0243
0.12	0.25	S 18	0.6135	0.865	-0.0549
0.62	0.25	S 20	0.5776	0.921	-0.1704
-0.38	0.00	S 21	0.6237	0.850	-0.0223
0.12	0.00	S 23	0.6126	0.867	-0.0577
0.62	0.00	S 25	0.5799	0.918	-0.1631
-0.38	-0.25	S 26	0.6240	0.849	-0.0211
0.12	-0.25	S 28	0.6146	0.864	-0.0515
0.62	-0.25	S 30	0.5807	0.917	-0.1606

(P) RUN=187 ALPHA= 2 DEG MINF=0.840 REC= 6.02E+06  
PT= 3.54 ATM= 52.0 PSIA TT= 259. DEG K= 466. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6127	0.867	-0.0567
3.09	0.25	S 3	0.6132	0.866	-0.0551
2.59	0.25	S 5	0.6140	0.865	-0.0526
3.59	0.00	S 6	0.6138	0.865	-0.0533
3.09	0.00	S 8	0.6148	0.863	-0.0499
2.59	0.00	S 10	0.6176	0.859	-0.0410
3.59	-0.25	S 11	0.6147	0.864	-0.0503
3.09	-0.25	S 13	0.6139	0.865	-0.0528
2.59	-0.25	S 15	0.6153	0.863	-0.0483

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6231	0.851	-0.0233
0.12	0.25	S 18	0.6126	0.867	-0.0571
0.62	0.25	S 20	0.5768	0.923	-0.1722
-0.38	0.00	S 21	0.6236	0.850	-0.0216
0.12	0.00	S 23	0.6122	0.868	-0.0564
0.62	0.00	S 25	0.5806	0.917	-0.1598
-0.38	-0.25	S 26	0.6239	0.849	-0.0209
0.12	-0.25	S 28	0.6137	0.865	-0.0537
0.62	-0.25	S 30	0.5802	0.917	-0.1611

TABLE D-III. - CHANNEL SIDEWALL PLUGS PRESSURE DATA; ALPHA = 2 DEG - Concluded

(Q) RUN=184 ALPHA= 2 DEG MINF=0.836 REC= 7.96E+06  
PT= 4.67 ATM= 68.6 PSIA TT= 258. DEG K= 464. DEG R

PLUG 1 - WALL DOWNSTREAM OF WING ROOT; 2Y/B=0.0

XW/C	Z/C	TAP	P/PT	M	CP
3.59	0.25	S 1	0.6172	0.860	-0.0486
3.09	0.25	S 3	0.6177	0.859	-0.0472
2.59	0.25	S 5	0.6184	0.858	-0.0447
3.59	0.00	S 6	0.6185	0.858	-0.0443
3.09	0.00	S 8	0.6192	0.857	-0.0420
2.59	0.00	S 10	0.6212	0.854	-0.0356
3.59	-0.25	S 11	0.6190	0.857	-0.0428
3.09	-0.25	S 13	0.6185	0.858	-0.0445
2.59	-0.25	S 15	0.6194	0.856	-0.0415

PLUG 2 - WALL OPPOSITE WING TIP; 2Y/B=1.67

XW/C	Z/C	TAP	P/PT	M	CP
-0.38	0.25	S 16	0.6259	0.846	-0.0206
0.12	0.25	S 18	0.6160	0.862	-0.0525
0.62	0.25	S 20	0.5815	0.915	-0.1638
-0.38	0.00	S 21	0.6265	0.845	-0.0185
0.12	0.00	S 23	0.6137	0.865	-0.0601
0.62	0.00	S 25	0.5834	0.912	-0.1578
-0.38	-0.25	S 26	0.6272	0.844	-0.0162
0.12	-0.25	S 28	0.6172	0.860	-0.0486
0.62	-0.25	S 30	0.5845	0.911	-0.1543

# APPENDIX E

## TABULATED FLOW-FIELD SURVEY DATA

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TABLE E-I. — FLOW-FIELD SURVEY DATA; ALPHA = 0 DEG, 2Y/B = 0.500

(A) X/C = 0.600 ALPHA = 0 DEG  
2Y/B = 0.500 THETAS = -4.33 DEGMINF = 0.826 REC = 8.23E+06  
PT = 4.77 ATM = 70.2 PSIA TT = 255. DEG K = 459. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.060	0.014	0.060	1.099	-5.843E-02	1.101	-3.04	0.922
2	0.080	0.034	0.080	1.174	-4.163E-02	1.175	-2.03	0.997
3	0.100	0.054	0.100	1.209	-3.267E-02	1.209	-1.55	1.032
4	0.125	0.079	0.125	1.187	-2.936E-02	1.187	-1.42	1.009
5	0.150	0.104	0.150	1.195	-2.341E-02	1.195	-1.12	1.017
6	0.175	0.129	0.175	1.187	-2.373E-02	1.187	-1.15	1.009
7	0.225	0.179	0.225	1.179	-2.495E-02	1.179	-1.21	1.001
8	0.250	0.204	0.250	1.177	-2.815E-02	1.177	-1.37	0.999
9	0.275	0.229	0.275	1.173	-2.517E-02	1.173	-1.23	0.995
10	0.325	0.279	0.325	1.162	-2.324E-02	1.162	-1.15	0.984
11	0.350	0.304	0.350	1.158	-2.030E-02	1.158	-1.00	0.980
12	0.400	0.354	0.400	1.149	-1.908E-02	1.149	-0.95	0.971
13	0.500	0.454	0.500	1.133	-1.540E-02	1.133	-0.78	0.955
14	0.600	0.554	0.600	1.114	-7.637E-03	1.114	-0.39	0.936
15	0.700	0.654	0.700	1.099	2.829E-04	1.099	0.01	0.921
16	0.750	0.704	0.750	1.089	6.362E-03	1.089	0.33	0.911
17	0.800	0.754	0.800	1.084	7.835E-03	1.084	0.41	0.906
18	0.900	0.854	0.900	1.074	1.486E-02	1.074	0.79	0.897
19	1.000	0.954	1.000	1.067	1.647E-02	1.067	0.88	0.890

(B) X/C = 0.700 ALPHA = 0 DEG  
2Y/B = 0.500 THETAS = -5.12 DEGMINF = 0.826 REC = 8.32E+06  
PT = 4.77 ATM = 70.2 PSIA TT = 253. DEG K = 455. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.060	0.023	0.060	1.058	-7.522E-02	1.061	-4.07	0.884
2	0.075	0.038	0.075	1.078	-6.463E-02	1.080	-3.40	0.902
3	0.090	0.053	0.090	1.096	-5.372E-02	1.097	-2.81	0.919
4	0.100	0.063	0.100	1.110	-4.731E-02	1.111	-2.44	0.933
5	0.110	0.073	0.110	1.132	-2.253E-02	1.132	-1.14	0.954
6	0.115	0.078	0.115	1.123	-3.035E-02	1.123	-1.55	0.945
7	0.125	0.088	0.125	1.118	-3.486E-02	1.119	-1.79	0.940
8	0.135	0.098	0.135	1.114	-3.710E-02	1.115	-1.91	0.936
9	0.150	0.113	0.150	1.113	-3.696E-02	1.114	-1.90	0.935
10	0.175	0.138	0.175	1.105	-3.972E-02	1.106	-2.06	0.928
11	0.200	0.163	0.200	1.103	-4.148E-02	1.104	-2.15	0.926
12	0.225	0.188	0.225	1.104	-3.984E-02	1.105	-2.07	0.927
13	0.250	0.213	0.250	1.103	-4.037E-02	1.104	-2.10	0.926
14	0.275	0.238	0.275	1.102	-4.082E-02	1.103	-2.12	0.925
15	0.300	0.263	0.300	1.100	-4.129E-02	1.101	-2.15	0.923
16	0.400	0.363	0.400	1.098	-3.322E-02	1.099	-1.73	0.920
17	0.500	0.463	0.500	1.091	-2.553E-02	1.091	-1.34	0.913
18	0.600	0.563	0.600	1.085	-1.599E-02	1.085	-0.84	0.907
19	0.700	0.663	0.700	1.077	-7.177E-03	1.077	-0.38	0.899
20	0.800	0.763	0.800	1.072	2.027E-04	1.072	0.01	0.895
21	0.900	0.863	0.900	1.065	7.741E-03	1.065	0.42	0.888
22	1.000	0.963	1.000	1.059	1.324E-02	1.059	0.72	0.882

(C) X/C = 0.800 ALPHA = 0 DEG  
2Y/B = 0.500 THETAS = -5.83 DEGMINF = 0.826 REC = 8.22E+06  
PT = 4.77 ATM = 70.1 PSIA TT = 255. DEG K = 459. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.045	0.019	0.045	1.012	-8.824E-02	1.016	-4.98	0.841
2	0.060	0.034	0.060	1.023	-8.408E-02	1.026	-4.70	0.851
3	0.080	0.054	0.080	1.037	-7.223E-02	1.040	-3.98	0.863
4	0.100	0.074	0.100	1.069	-5.417E-02	1.070	-2.90	0.893
5	0.110	0.084	0.110	1.077	-4.700E-02	1.078	-2.50	0.900
6	0.125	0.099	0.125	1.067	-5.175E-02	1.068	-2.78	0.891
7	0.150	0.124	0.150	1.065	-5.162E-02	1.066	-2.77	0.889
8	0.175	0.149	0.175	1.063	-5.303E-02	1.064	-2.86	0.887
9	0.200	0.174	0.200	1.063	-5.114E-02	1.064	-2.75	0.887
10	0.300	0.274	0.300	1.064	-4.369E-02	1.065	-2.35	0.888
11	0.400	0.374	0.400	1.065	-4.092E-02	1.066	-2.20	0.889
12	0.600	0.574	0.600	1.063	-2.469E-02	1.063	-1.33	0.886
13	0.800	0.774	0.800	1.058	-7.433E-03	1.058	-0.40	0.881
14	1.000	0.974	1.000	1.053	4.967E-03	1.053	0.27	0.876

TABLE E-I. — FLOW-FIELD SURVEY DATA; ALPHA = 0 DEG, 2Y/B = 0.500 — Concluded

(D) ALPHA = 0 DEG  
 X/C = 0.900 2Y/B = 0.500 THETAS = -6.55 DEG  
 MINF = 0.826 REC = 8.33E+06  
 PT = 4.78 ATM = 70.3 PSIA TT = 253. DEG K = 455. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.035	0.021	0.035	0.973	-8.791E-02	0.976	-5.17	0.804
2	0.050	0.036	0.050	0.987	-8.148E-02	0.990	-4.72	0.817
3	0.060	0.046	0.060	0.989	-7.870E-02	0.993	-4.55	0.819
4	0.075	0.061	0.075	1.001	-7.264E-02	1.004	-4.15	0.829
5	0.090	0.076	0.090	1.016	-6.566E-02	1.018	-3.70	0.844
6	0.100	0.086	0.100	1.034	-5.951E-02	1.036	-3.29	0.860
7	0.110	0.096	0.110	1.037	-5.514E-02	1.038	-3.04	0.863
8	0.125	0.111	0.125	1.029	-5.703E-02	1.031	-3.17	0.856
9	0.150	0.136	0.150	1.028	-5.599E-02	1.030	-3.12	0.855
10	0.175	0.161	0.175	1.028	-5.576E-02	1.030	-3.10	0.855
11	0.200	0.186	0.200	1.030	-5.532E-02	1.031	-3.07	0.856
12	0.250	0.236	0.250	1.032	-4.982E-02	1.033	-2.76	0.858
13	0.300	0.286	0.300	1.038	-4.958E-02	1.039	-2.73	0.863
14	0.400	0.386	0.400	1.042	-4.092E-02	1.043	-2.25	0.867
15	0.500	0.486	0.500	1.043	-3.292E-02	1.044	-1.81	0.867
16	0.600	0.586	0.600	1.044	-2.436E-02	1.044	-1.34	0.868
17	0.700	0.686	0.700	1.045	-1.626E-02	1.045	-0.89	0.869
18	0.800	0.786	0.800	1.046	-6.770E-03	1.046	-0.37	0.870
19	0.900	0.886	0.900	1.044	-4.051E-04	1.044	-0.02	0.868
20	1.000	0.986	1.000	1.044	5.143E-03	1.044	0.28	0.868

(E) ALPHA = 0 DEG  
 X/C = 1.000 2Y/B = 0.500 THETAS = -7.37 DEG  
 MINF = 0.826 REC = 8.27E+06  
 PT = 4.78 ATM = 70.2 PSIA TT = 254. DEG K = 458. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.025	0.024	0.025	0.910	-8.704E-02	0.914	-5.46	0.747
2	0.050	0.049	0.050	0.947	-7.775E-02	0.950	-4.69	0.780
3	0.060	0.059	0.060	0.953	-7.432E-02	0.956	-4.46	0.785
4	0.075	0.074	0.075	0.969	-6.990E-02	0.972	-4.12	0.800
5	0.090	0.089	0.090	0.990	-6.324E-02	0.992	-3.66	0.818
6	0.100	0.099	0.100	1.005	-5.887E-02	1.007	-3.35	0.832
7	0.110	0.109	0.110	1.004	-5.754E-02	1.006	-3.28	0.831
8	0.125	0.124	0.125	0.996	-5.610E-02	0.998	-3.22	0.824
9	0.150	0.149	0.150	1.000	-5.354E-02	1.001	-3.07	0.827
10	0.175	0.174	0.175	1.002	-5.201E-02	1.003	-2.97	0.829
11	0.200	0.199	0.200	1.006	-5.353E-02	1.007	-3.05	0.833
12	0.250	0.249	0.250	1.011	-4.474E-02	1.012	-2.53	0.837
13	0.300	0.299	0.300	1.018	-4.550E-02	1.019	-2.56	0.844
14	0.400	0.399	0.400	1.024	-4.045E-02	1.025	-2.26	0.849
15	0.500	0.499	0.500	1.029	-3.284E-02	1.030	-1.83	0.854
16	0.600	0.599	0.600	1.032	-2.486E-02	1.032	-1.38	0.857
17	0.700	0.699	0.700	1.035	-1.749E-02	1.035	-0.97	0.859
18	0.800	0.799	0.800	1.036	-7.808E-03	1.036	-0.43	0.860
19	0.900	0.899	0.900	1.038	-1.859E-03	1.038	-0.10	0.862
20	1.000	0.999	1.000	1.038	3.720E-03	1.038	0.21	0.862

TABLE E-II. — FLOW-FIELD SURVEY DATA; ALPHA = 0 DEG, 2Y/B = 0.775

(A) ALPHA = 0 DEG  
 X/C = 0.325 2Y/B = 0.775 THETAS = -0.57 DEG  
 MINF = 0.826 REC = 8.12E+06  
 PT = 4.72 ATM = 69.3 PSIA TT = 255. DEG K = 459. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.200	0.140	0.200	1.180	1.025E-01	1.184	4.96	1.006
2	0.300	0.240	0.300	1.142	7.916E-02	1.145	3.97	0.966
3	0.330	0.270	0.330	1.123	6.755E-02	1.125	3.44	0.947
4	0.370	0.310	0.370	1.113	6.066E-02	1.115	3.12	0.936
5	0.400	0.340	0.400	1.113	6.120E-02	1.115	3.15	0.936
6	0.500	0.440	0.500	1.093	4.581E-02	1.094	2.40	0.916
7	0.600	0.540	0.600	1.067	2.729E-02	1.067	1.47	0.890
8	0.700	0.640	0.700	1.051	1.702E-02	1.051	0.93	0.875
9	0.800	0.740	0.800	1.057	1.971E-02	1.057	1.07	0.880
10	1.000	0.940	1.000	1.044	1.871E-02	1.044	1.03	0.868

(B) ALPHA = 0 DEG  
 X/C = 0.400 2Y/B = 0.775 THETAS = -1.97 DEG  
 MINF = 0.826 REC = 8.16E+06  
 PT = 4.77 ATM = 70.1 PSIA TT = 256. DEG K = 462. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.075	0.017	0.075	1.389	1.229E-02	1.389	0.51	1.228
2	0.088	0.030	0.088	1.363	4.100E-02	1.364	1.72	1.199
3	0.100	0.042	0.100	1.299	7.490E-02	1.301	3.30	1.129
4	0.125	0.067	0.125	1.289	7.262E-02	1.291	3.22	1.119
5	0.150	0.092	0.150	1.283	5.145E-02	1.284	2.30	1.111
6	0.200	0.142	0.200	1.247	5.478E-02	1.248	2.52	1.073
7	0.250	0.192	0.250	1.233	4.069E-02	1.234	1.89	1.057
8	0.300	0.242	0.300	1.202	4.504E-02	1.203	2.15	1.025
9	0.350	0.292	0.350	1.187	3.510E-02	1.188	1.69	1.010
10	0.400	0.342	0.400	1.179	3.351E-02	1.179	1.63	1.000
11	0.500	0.442	0.500	1.137	2.214E-02	1.137	1.12	0.959
12	0.600	0.542	0.600	1.118	1.072E-02	1.118	0.55	0.939
13	0.800	0.742	0.800	1.083	2.052E-03	1.083	0.11	0.904
14	1.000	0.942	1.000	1.062	7.208E-03	1.062	0.39	0.884

(C) ALPHA = 0 DEG  
 X/C = 0.500 2Y/B = 0.775 THETAS = -3.33 DEG  
 MINF = 0.826 REC = 8.20E+06  
 PT = 4.77 ATM = 70.1 PSIA TT = 255. DEG K = 460. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.075	0.022	0.075	1.169	-2.087E-03	1.169	-0.10	0.991
2	0.090	0.037	0.090	1.212	-9.662E-04	1.212	-0.05	1.035
3	0.100	0.047	0.100	1.225	3.480E-02	1.225	1.63	1.049
4	0.110	0.057	0.110	1.213	1.840E-02	1.213	0.87	1.036
5	0.125	0.072	0.125	1.207	7.464E-03	1.207	0.35	1.030
6	0.140	0.087	0.140	1.205	6.604E-03	1.205	0.31	1.028
7	0.150	0.097	0.150	1.196	-2.666E-03	1.196	-0.13	1.018
8	0.200	0.147	0.200	1.184	-8.880E-03	1.184	-0.43	1.006
9	0.250	0.197	0.250	1.174	-1.095E-02	1.174	-0.53	0.996
10	0.300	0.247	0.300	1.160	-1.109E-02	1.160	-0.55	0.982
11	0.400	0.347	0.400	1.141	-1.400E-02	1.141	-0.70	0.963
12	0.500	0.447	0.500	1.122	-9.842E-03	1.122	-0.50	0.944
13	0.600	0.547	0.600	1.102	-9.000E-03	1.102	-0.47	0.924
14	0.700	0.647	0.700	1.080	-7.246E-04	1.080	-0.04	0.902
15	0.800	0.747	0.800	1.075	-4.199E-03	1.075	-0.22	0.898
16	1.000	0.947	1.000	1.059	3.230E-03	1.059	0.17	0.882

TABLE E-II. — FLOW-FIELD SURVEY DATA; ALPHA = 0 DEG, 2Y/B = 0.775 — Continued

(D) ALPHA = 0 DEG  
 X/C = 0.600 2Y/B = 0.775 THETAS = -4.33 DEG  
 MINF = 0.826 REC = 8.11E+06  
 PT = 4.76 ATM = 70.0 PSIA TT = 257. DEG K = 463. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.062	0.016	0.062	1.036	-7.605E-02	1.039	-4.20	0.862
2	0.065	0.019	0.065	1.047	-7.617E-02	1.050	-4.16	0.872
3	0.070	0.024	0.070	1.059	-6.958E-02	1.061	-3.76	0.883
4	0.085	0.039	0.085	1.066	-5.927E-02	1.068	-3.18	0.889
5	0.092	0.046	0.092	1.080	-4.630E-02	1.081	-2.45	0.902
6	0.100	0.054	0.100	1.084	-4.118E-02	1.085	-2.18	0.907
7	0.112	0.066	0.112	1.115	-2.080E-02	1.115	-1.07	0.936
8	0.125	0.079	0.125	1.098	-2.872E-02	1.098	-1.50	0.919
9	0.138	0.092	0.138	1.096	-3.246E-02	1.096	-1.70	0.917
10	0.150	0.104	0.150	1.100	-2.990E-02	1.100	-1.56	0.921
11	0.175	0.129	0.175	1.096	-3.240E-02	1.096	-1.69	0.917
12	0.200	0.154	0.200	1.089	-3.258E-02	1.089	-1.71	0.910
13	0.250	0.204	0.250	1.086	-3.690E-02	1.087	-1.95	0.908
14	0.300	0.254	0.300	1.077	-3.374E-02	1.078	-1.79	0.900
15	0.400	0.354	0.400	1.076	-3.123E-02	1.076	-1.66	0.899
16	0.450	0.404	0.450	1.076	-2.967E-02	1.076	-1.58	0.898
17	0.500	0.454	0.500	1.075	-3.100E-02	1.075	-1.65	0.897
18	0.600	0.554	0.600	1.070	-2.337E-02	1.070	-1.25	0.892
19	0.700	0.654	0.700	1.062	-2.125E-02	1.062	-1.15	0.884
20	0.800	0.754	0.800	1.057	-1.483E-02	1.057	-0.80	0.879
21	0.900	0.854	0.900	1.051	-9.614E-03	1.051	-0.52	0.873
22	1.000	0.954	1.000	1.045	-1.652E-03	1.045	-0.09	0.868

(E) ALPHA = 0 DEG  
 X/C = 0.700 2Y/B = 0.775 THETAS = -5.12 DEG  
 MINF = 0.826 REC = 8.20E+06  
 PT = 4.76 ATM = 70.0 PSIA TT = 255. DEG K = 459. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.050	0.013	0.050	1.006	-8.438E-02	1.010	-4.79	0.835
2	0.070	0.033	0.070	1.033	-7.008E-02	1.035	-3.88	0.858
3	0.100	0.063	0.100	1.063	-4.242E-02	1.064	-2.29	0.887
4	0.130	0.093	0.130	1.067	-3.536E-02	1.068	-1.90	0.889
5	0.170	0.133	0.170	1.061	-3.726E-02	1.062	-2.01	0.884
6	0.200	0.163	0.200	1.064	-3.757E-02	1.065	-2.02	0.888
7	0.250	0.213	0.250	1.062	-3.740E-02	1.063	-2.02	0.885
8	0.300	0.263	0.300	1.061	-3.786E-02	1.062	-2.04	0.885
9	0.350	0.313	0.350	1.059	-3.137E-02	1.059	-1.70	0.883
10	0.400	0.363	0.400	1.057	-2.883E-02	1.057	-1.56	0.881
11	0.500	0.463	0.500	1.055	-2.553E-02	1.055	-1.39	0.879
12	0.600	0.563	0.600	1.051	-2.405E-02	1.051	-1.31	0.875
13	0.800	0.763	0.800	1.045	-1.509E-02	1.045	-0.83	0.869
14	1.000	0.963	1.000	1.039	3.635E-04	1.039	0.02	0.863

(F) ALPHA = 0 DEG  
 X/C = 0.800 2Y/B = 0.775 THETAS = -5.83 DEG  
 MINF = 0.826 REC = 8.19E+06  
 PT = 4.76 ATM = 70.0 PSIA TT = 255. DEG K = 459. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.045	0.019	0.045	0.985	-8.829E-02	0.989	-5.12	0.815
2	0.060	0.034	0.060	1.001	-7.518E-02	1.004	-4.30	0.829
3	0.090	0.064	0.090	1.031	-6.100E-02	1.033	-3.39	0.857
4	0.100	0.074	0.100	1.035	-5.201E-02	1.036	-2.88	0.860
5	0.110	0.084	0.110	1.066	-3.348E-02	1.067	-1.80	0.889
6	0.125	0.099	0.125	1.051	-4.253E-02	1.052	-2.32	0.875
7	0.150	0.124	0.150	1.054	-4.215E-02	1.055	-2.29	0.878
8	0.200	0.174	0.200	1.032	-4.926E-02	1.033	-2.73	0.857
9	0.300	0.274	0.300	1.035	-4.286E-02	1.036	-2.37	0.860
10	0.400	0.374	0.400	1.040	-4.049E-02	1.041	-2.23	0.864
11	0.500	0.474	0.500	1.032	-2.687E-02	1.032	-1.49	0.856
12	0.600	0.574	0.600	1.037	-2.770E-02	1.037	-1.53	0.860
13	0.700	0.674	0.700	1.033	-2.241E-02	1.033	-1.24	0.856
14	0.800	0.774	0.800	1.035	-1.303E-02	1.035	-0.72	0.858
15	1.000	0.974	1.000	1.035	-4.818E-03	1.035	-0.27	0.858

TABLE E-II. — FLOW-FIELD SURVEY DATA; ALPHA = 0 DEG, 2Y/B = 0.775 — Concluded

(G) ALPHA = 0 DEG  
X/C = 0.900 2Y/B = 0.775 THETAS = -6.55 DEG

MINF = 0.826 REC = 8.18E+06  
PT = 4.78 ATM = 70.2 PSIA TT = 256. DEG K = 461. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.035	0.021	0.035	0.937	-9.870E-02	0.943	-6.01	0.773
2	0.055	0.041	0.055	0.961	-8.274E-02	0.965	-4.92	0.794
3	0.080	0.066	0.080	0.974	-7.207E-02	0.977	-4.23	0.806
4	0.090	0.076	0.090	1.002	-6.192E-02	1.004	-3.54	0.829
5	0.100	0.086	0.100	1.011	-5.863E-02	1.013	-3.32	0.838
6	0.110	0.096	0.110	1.021	-5.136E-02	1.022	-2.88	0.846
7	0.125	0.111	0.125	1.014	-5.463E-02	1.015	-3.08	0.840
8	0.150	0.136	0.150	1.017	-5.159E-02	1.018	-2.90	0.842
9	0.200	0.186	0.200	1.012	-5.031E-02	1.013	-2.85	0.838
10	0.300	0.286	0.300	1.019	-4.299E-02	1.020	-2.42	0.845
11	0.400	0.386	0.400	1.019	-3.495E-02	1.020	-1.96	0.844
12	0.500	0.486	0.500	1.017	-3.104E-02	1.017	-1.75	0.843
13	0.550	0.536	0.550	1.032	-3.002E-02	1.032	-1.67	0.856
14	0.600	0.586	0.600	1.025	-2.960E-02	1.025	-1.65	0.850
15	0.700	0.686	0.700	1.021	-2.499E-02	1.021	-1.40	0.845
16	0.750	0.736	0.750	1.035	-2.190E-02	1.035	-1.21	0.858
17	0.800	0.786	0.800	1.026	-1.204E-02	1.026	-0.67	0.851
18	0.900	0.886	0.900	1.024	-9.384E-03	1.024	-0.53	0.848
19	1.000	0.986	1.000	1.028	-4.406E-03	1.028	-0.25	0.852

(H) ALPHA = 0 DEG  
X/C = 1.000 2Y/B = 0.775 THETAS = -7.37 DEG

MINF = 0.826 REC = 8.26E+06  
PT = 4.77 ATM = 70.1 PSIA TT = 254. DEG K = 457. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.025	0.024	0.025	0.900	-8.710E-02	0.905	-5.52	0.737
2	0.050	0.049	0.050	0.934	-7.141E-02	0.937	-4.37	0.766
3	0.060	0.059	0.060	0.944	-7.131E-02	0.947	-4.32	0.776
4	0.075	0.074	0.075	0.956	-6.439E-02	0.958	-3.86	0.786
5	0.090	0.089	0.090	0.983	-5.850E-02	0.984	-3.41	0.810
6	0.100	0.099	0.100	0.987	-5.396E-02	0.989	-3.13	0.815
7	0.110	0.109	0.110	0.992	-5.454E-02	0.993	-3.15	0.819
8	0.125	0.124	0.125	0.981	-5.379E-02	0.983	-3.14	0.809
9	0.150	0.149	0.150	0.988	-5.103E-02	0.989	-2.96	0.815
10	0.200	0.199	0.200	0.994	-4.699E-02	0.995	-2.71	0.821
11	0.300	0.299	0.300	1.007	-3.903E-02	1.008	-2.22	0.832
12	0.400	0.399	0.400	1.017	-3.492E-02	1.018	-1.97	0.842
13	0.500	0.499	0.500	1.021	-3.298E-02	1.022	-1.85	0.845
14	0.600	0.599	0.600	1.023	-2.820E-02	1.023	-1.58	0.847
15	0.700	0.699	0.700	1.025	-2.367E-02	1.025	-1.32	0.849
16	0.800	0.799	0.800	1.027	-1.558E-02	1.027	-0.87	0.851
17	0.900	0.899	0.900	1.030	-1.322E-02	1.030	-0.74	0.853
18	1.000	0.999	1.000	1.031	-8.375E-03	1.031	-0.47	0.854

TABLE E-III. — FLOW-FIELD SURVEY DATA; ALPHA = 2 DEG, 2Y/B = 0.500

(A) ALPHA = 2 DEG  
X/C = 0.610 2Y/B = 0.500 THETAS = -6.39 DEGMINF = 0.826 REC = 8.22E+06  
PT = 4.77 ATM = 70.2 PSIA TT = 255. DEG K = 459. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.080	0.022	0.040	1.384	-9.105E-02	1.387	-3.76	1.227
2	0.090	0.032	0.050	1.431	-9.306E-02	1.434	-3.72	1.282
3	0.100	0.042	0.060	1.420	-9.374E-02	1.423	-3.78	1.269
4	0.110	0.052	0.070	1.415	-7.387E-02	1.417	-2.99	1.262
5	0.125	0.067	0.085	1.391	-5.424E-02	1.392	-2.23	1.231
6	0.150	0.092	0.110	1.361	-3.243E-02	1.361	-1.36	1.196
7	0.175	0.117	0.135	1.336	-2.218E-02	1.336	-0.95	1.168
8	0.190	0.132	0.150	1.342	-2.879E-02	1.342	-1.23	1.176
9	0.200	0.142	0.160	1.341	-2.985E-02	1.341	-1.28	1.175
10	0.250	0.192	0.210	1.318	-2.466E-02	1.318	-1.07	1.150
11	0.300	0.242	0.260	1.290	-9.153E-03	1.290	-0.41	1.119
12	0.400	0.342	0.360	1.257	1.329E-03	1.257	0.06	1.083
13	0.500	0.442	0.460	1.229	1.088E-02	1.229	0.51	1.054
14	0.600	0.542	0.560	1.202	1.709E-02	1.202	0.81	1.026
15	0.700	0.642	0.660	1.178	2.208E-02	1.178	1.07	1.001
16	0.800	0.742	0.760	1.153	2.299E-02	1.153	1.14	0.976
17	0.900	0.842	0.860	1.143	2.583E-02	1.143	1.29	0.966
18	1.000	0.942	0.960	1.130	2.812E-02	1.130	1.43	0.953

(B) ALPHA = 2 DEG  
X/C = 0.800 2Y/B = 0.500 THETAS = -7.80 DEGMINF = 0.826 REC = 8.22E+06  
PT = 4.76 ATM = 70.0 PSIA TT = 254. DEG K = 458. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.060	0.027	0.020	1.042	-1.354E-01	1.051	-7.40	0.874
2	0.080	0.047	0.040	1.073	-1.121E-01	1.079	-5.96	0.901
3	0.100	0.067	0.060	1.086	-9.412E-02	1.090	-4.95	0.912
4	0.125	0.092	0.085	1.123	-5.606E-02	1.124	-2.86	0.946
5	0.150	0.117	0.110	1.100	-6.397E-02	1.102	-3.33	0.924
6	0.175	0.142	0.135	1.098	-5.889E-02	1.100	-3.07	0.921
7	0.200	0.167	0.160	1.093	-5.803E-02	1.095	-3.04	0.917
8	0.300	0.267	0.260	1.077	-5.754E-02	1.079	-3.06	0.901
9	0.400	0.367	0.360	1.089	-5.207E-02	1.090	-2.74	0.912
10	0.500	0.467	0.460	1.115	-3.766E-02	1.116	-1.93	0.937
11	0.600	0.567	0.560	1.121	-3.111E-02	1.121	-1.59	0.943
12	0.700	0.667	0.660	1.120	-2.221E-02	1.120	-1.14	0.942
13	0.800	0.767	0.760	1.121	-1.439E-02	1.121	-0.74	0.943
14	0.900	0.867	0.860	1.113	-7.859E-03	1.113	-0.40	0.935
15	1.000	0.967	0.960	1.109	-1.652E-03	1.109	-0.09	0.931

(C) ALPHA = 2 DEG  
X/C = 1.000 2Y/B = 0.500 THETAS = -9.34 DEGMINF = 0.826 REC = 8.29E+06  
PT = 4.77 ATM = 70.1 PSIA TT = 254. DEG K = 456. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.025	0.024	-0.015	0.864	-1.273E-01	0.873	-8.38	0.710
2	0.030	0.029	-0.010	0.902	-1.240E-01	0.910	-7.83	0.743
3	0.040	0.039	0.000	0.937	-1.149E-01	0.944	-6.99	0.774
4	0.050	0.049	0.010	0.952	-1.130E-01	0.958	-6.77	0.787
5	0.060	0.059	0.020	0.960	-1.104E-01	0.966	-6.56	0.794
6	0.075	0.074	0.035	0.966	-1.056E-01	0.971	-6.24	0.799
7	0.090	0.089	0.050	0.984	-1.038E-01	0.990	-6.02	0.816
8	0.110	0.109	0.070	1.031	-8.282E-02	1.034	-4.59	0.858
9	0.125	0.124	0.085	1.012	-8.372E-02	1.015	-4.73	0.841
10	0.150	0.149	0.110	1.012	-8.176E-02	1.015	-4.62	0.840
11	0.175	0.174	0.135	1.013	-7.953E-02	1.016	-4.49	0.841
12	0.200	0.199	0.160	1.019	-7.832E-02	1.022	-4.40	0.847
13	0.250	0.249	0.210	1.023	-7.366E-02	1.026	-4.12	0.850
14	0.300	0.299	0.260	1.030	-6.766E-02	1.032	-3.76	0.856
15	0.400	0.399	0.360	1.042	-5.746E-02	1.044	-3.16	0.867
16	0.500	0.499	0.460	1.054	-4.846E-02	1.055	-2.63	0.878
17	0.600	0.599	0.560	1.063	-3.858E-02	1.064	-2.08	0.887
18	0.650	0.649	0.610	1.076	-2.773E-02	1.076	-1.48	0.899
19	0.700	0.699	0.660	1.078	-2.018E-02	1.078	-1.07	0.901
20	0.800	0.799	0.760	1.081	-1.288E-02	1.081	-0.68	0.903
21	0.900	0.899	0.860	1.081	-5.426E-03	1.081	-0.29	0.903
22	1.000	0.999	0.960	1.082	8.104E-05	1.082	0.00	0.904

TABLE E-IV. — FLOW-FIELD SURVEY DATA; ALPHA = 2 DEG, 2Y/B = 0.775

(A) X/C = 0.450    ALPHA = 2 DEG  
2Y/B = 0.775    THETAS = -4.67 DEGMINF = 0.826    REC = 8.20E+06  
PT = 4.76 ATM = 70.0 PSIA    TT = 255. DEG K = 459. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.095	0.020	0.049	1.407	9.064E-03	1.407	0.37	1.250
2	0.100	0.025	0.054	1.431	-4.759E-03	1.431	-0.19	1.279
3	0.110	0.035	0.064	1.442	-1.345E-02	1.442	-0.53	1.292
4	0.125	0.050	0.079	1.401	2.863E-02	1.401	1.17	1.244
5	0.150	0.075	0.104	1.370	3.507E-02	1.370	1.47	1.208
6	0.175	0.100	0.129	1.350	3.618E-02	1.350	1.54	1.186
7	0.200	0.125	0.154	1.348	5.684E-03	1.348	0.24	1.183
8	0.250	0.175	0.204	1.317	5.645E-03	1.317	0.25	1.148
9	0.300	0.225	0.254	1.290	8.804E-03	1.290	0.39	1.119
10	0.400	0.325	0.354	1.241	1.344E-02	1.241	0.62	1.067
11	0.500	0.425	0.454	1.213	1.742E-02	1.213	0.82	1.037
12	0.600	0.525	0.554	1.182	1.877E-02	1.182	0.91	1.005
13	0.700	0.625	0.654	1.160	8.743E-03	1.160	0.43	0.983
14	0.800	0.725	0.754	1.141	6.842E-03	1.141	0.34	0.964
15	0.900	0.825	0.854	1.127	6.639E-03	1.127	0.34	0.950
16	1.000	0.925	0.954	1.115	1.251E-02	1.115	0.64	0.938

(B) X/C = 0.500    ALPHA = 2 DEG  
2Y/B = 0.775    THETAS = -5.30 DEGMINF = 0.826    REC = 8.17E+06  
PT = 4.77 ATM = 70.2 PSIA    TT = 256. DEG K = 461. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.090	0.019	0.044	1.249	5.823E-02	1.250	2.67	1.076
2	0.100	0.029	0.054	1.313	5.087E-02	1.314	2.22	1.144
3	0.110	0.039	0.064	1.335	3.607E-02	1.335	1.55	1.169
4	0.125	0.054	0.079	1.356	4.504E-02	1.357	1.90	1.193
5	0.150	0.079	0.104	1.368	9.579E-03	1.368	0.40	1.205
6	0.175	0.104	0.129	1.386	-1.954E-02	1.386	-0.81	1.226
7	0.190	0.119	0.144	1.413	-3.741E-02	1.413	-1.52	1.256
8	0.200	0.129	0.154	1.398	-3.517E-02	1.398	-1.44	1.240
9	0.210	0.139	0.164	1.399	-2.667E-02	1.399	-1.09	1.240
10	0.225	0.154	0.179	1.397	-2.973E-02	1.397	-1.22	1.237
11	0.250	0.179	0.204	1.379	-2.358E-02	1.379	-0.98	1.217
12	0.300	0.229	0.254	1.351	-1.973E-02	1.351	-0.84	1.185
13	0.400	0.329	0.354	1.300	-1.352E-02	1.300	-0.60	1.128
14	0.500	0.429	0.454	1.274	-2.041E-02	1.274	-0.92	1.102
15	0.600	0.529	0.554	1.233	-9.628E-03	1.233	-0.45	1.058
16	0.700	0.629	0.654	1.213	-6.987E-03	1.213	-0.33	1.037
17	0.800	0.729	0.754	1.185	-5.983E-03	1.185	-0.29	1.008
18	0.900	0.829	0.854	1.162	-6.441E-04	1.162	-0.03	0.984
19	1.000	0.929	0.954	1.145	1.006E-03	1.145	0.05	0.967

(C) X/C = 0.600    ALPHA = 2 DEG  
2Y/B = 0.775    THETAS = -6.30 DEGMINF = 0.826    REC = 8.24E+06  
PT = 4.76 ATM = 70.0 PSIA    TT = 254. DEG K = 457. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.100	0.040	0.054	1.175	8.890E-03	1.175	0.43	0.998
2	0.110	0.050	0.064	1.201	3.679E-02	1.202	1.75	1.025
3	0.125	0.065	0.079	1.244	3.612E-02	1.245	1.66	1.069
4	0.150	0.090	0.104	1.236	2.937E-02	1.236	1.36	1.060
5	0.175	0.115	0.129	1.224	1.908E-02	1.224	0.89	1.049
6	0.200	0.140	0.154	1.198	5.629E-03	1.198	0.27	1.020
7	0.300	0.240	0.254	1.163	-1.981E-02	1.163	-0.98	0.985
8	0.400	0.340	0.354	1.173	-2.609E-02	1.173	-1.27	0.995
9	0.500	0.440	0.454	1.171	-2.497E-02	1.171	-1.22	0.993
10	0.600	0.540	0.554	1.170	-2.376E-02	1.170	-1.16	0.992
11	0.700	0.640	0.654	1.157	-1.898E-02	1.157	-0.94	0.979
12	0.800	0.740	0.754	1.143	-1.290E-02	1.143	-0.65	0.965
13	0.900	0.840	0.854	1.133	-1.491E-02	1.133	-0.75	0.956
14	1.000	0.940	0.954	1.125	-8.356E-03	1.125	-0.43	0.948

TABLE E-IV. - FLOW-FIELD SURVEY DATA; ALPHA = 2 DEG, 2Y/B = 0.775 - Concluded

(D) ALPHA = 2 DEG  
X/C = 0.800 2Y/B = 0.775 THETAS = -7.80 DEGMINF = 0.826 REC = 8.19E+06  
PT = 4.76 ATM = 70.0 PSIA TT = 255. DEG K = 459. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.030	0.047	0.034	0.944	-1.421E-01	0.955	-8.56	0.783
2	0.090	0.057	0.044	1.007	-1.181E-01	1.014	-6.69	0.838
3	0.100	0.067	0.054	1.046	-9.813E-02	1.051	-5.36	0.873
4	0.110	0.077	0.064	1.064	-8.471E-02	1.067	-4.55	0.889
5	0.125	0.092	0.079	1.099	-6.134E-02	1.101	-3.19	0.921
6	0.140	0.107	0.094	1.110	-4.118E-02	1.111	-2.12	0.931
7	0.150	0.117	0.104	1.109	-4.807E-02	1.110	-2.48	0.932
8	0.160	0.127	0.114	1.091	-4.961E-02	1.092	-2.60	0.913
9	0.200	0.167	0.154	1.083	-4.787E-02	1.084	-2.53	0.906
10	0.250	0.217	0.204	1.063	-4.601E-02	1.064	-2.48	0.887
11	0.300	0.267	0.254	1.056	-4.541E-02	1.057	-2.46	0.880
12	0.400	0.367	0.354	1.061	-4.562E-02	1.062	-2.46	0.885
13	0.500	0.467	0.454	1.068	-4.158E-02	1.069	-2.23	0.892
14	0.600	0.567	0.554	1.072	-3.991E-02	1.073	-2.13	0.895
15	0.700	0.667	0.654	1.077	-3.386E-02	1.078	-1.80	0.900
16	0.800	0.767	0.754	1.079	-2.742E-02	1.079	-1.46	0.902
17	0.900	0.867	0.854	1.080	-1.944E-02	1.080	-1.03	0.903
18	1.000	0.967	0.954	1.078	-1.206E-02	1.078	-0.64	0.901

(E) ALPHA = 2 DEG  
X/C = 1.000 2Y/B = 0.775 THETAS = -9.34 DEGMINF = 0.826 REC = 8.16E+06  
PT = 4.75 ATM = 69.8 PSIA TT = 255. DEG K = 460. DEG R

POINT	ZT/C	ZS/C	ZCR/C	U/UINF	W/UINF	URES/UINF	THETA (DEG)	MACH
1	0.060	0.059	0.014	0.813	-1.164E-01	0.822	-8.14	0.663
2	0.070	0.069	0.024	0.854	-1.077E-01	0.861	-7.19	0.698
3	0.075	0.074	0.029	0.913	-8.201E-02	0.917	-5.13	0.749
4	0.080	0.079	0.034	0.909	-9.864E-02	0.914	-6.19	0.746
5	0.090	0.089	0.044	0.947	-7.389E-02	0.950	-4.46	0.779
6	0.100	0.099	0.054	0.972	-7.700E-02	0.975	-4.53	0.803
7	0.110	0.109	0.064	0.983	-6.483E-02	0.985	-3.77	0.812
8	0.125	0.124	0.079	1.024	-6.578E-02	1.026	-3.68	0.851
9	0.150	0.149	0.104	1.019	-6.610E-02	1.021	-3.71	0.846
10	0.175	0.174	0.129	1.004	-6.417E-02	1.006	-3.66	0.832
11	0.200	0.199	0.154	0.999	-6.100E-02	1.001	-3.49	0.827
12	0.300	0.299	0.254	1.006	-5.215E-02	1.007	-2.97	0.833
13	0.400	0.399	0.354	1.019	-4.631E-02	1.020	-2.60	0.845
14	0.500	0.499	0.454	1.032	-3.399E-02	1.033	-1.89	0.857
15	0.600	0.599	0.554	1.040	-3.304E-02	1.041	-1.82	0.864
16	0.700	0.699	0.654	1.049	-3.005E-02	1.049	-1.64	0.873
17	0.800	0.799	0.754	1.051	-2.257E-02	1.051	-1.23	0.875
18	0.900	0.899	0.854	1.053	-1.261E-02	1.053	-0.69	0.876
19	1.000	0.999	0.954	1.056	-1.135E-02	1.056	-0.62	0.879

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16. Abstract  An experimental investigation of the turbulent, subcritical and supercritical flow over a swept, NACA 0012 semispan wing in a solid-wall wind tunnel is described. The program was conducted over a range of Mach numbers, Reynolds numbers, and angles of attack to provide a variety of test cases for assessment of wing computer codes and tunnel-wall-interference effects. Wing flows both without and with three-dimensional flow separation are included. Data include mean surface pressures for both the wing and tunnel walls; surface oil-flow patterns on the wing; and mean-velocity, flow-field surveys. The results are given in tabular form and presented graphically to illustrate some of the effects of the test parameters. Comparisons of the wing pressure data with the results from two inviscid wing codes are also shown to assess the importance of viscous-flow and tunnel-wall effects.			
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